



HOLLOW METAL
CONSTRUCTION
• ARCHITECTURAL • SERIES •

coll comp
2/82

* No. 2047 *
JAMESTOWN, N. Y.
ISSUED TO
McLaughlin & Johnson, Archts.,
313 Lynch Building,
Lynchburg, Va.
DAHLSTROM METALLIC DOOR CO.

HOLLOW METAL CONSTRUCTION

ARCHITECTURAL SERIES



DAHLSTROM METALLIC DOOR COMPANY

JAMESTOWN, N. Y.

FOREWORD

THIS portfolio of plates, showing the designs and detailed construction of Hollow Metal Doors, Interior Trim and other work as installed by us in a number of prominent buildings, is issued primarily for the purpose of furnishing architects and builders the specific information required for the use of this class of work in modern fireproof buildings.

As this is a comparatively new industry, the necessary information regarding the most practical methods of construction, finish, preparation for and installation in the buildings and the advantages gained by the use of Hollow Metal Doors and Trim, must come from the manufacturers of the product. No other concern is so well qualified to furnish such data as is the Dahlstrom Metallic Door Company.

We therefore take great pleasure in presenting these plates to the architectural profession, and believe that they will tend to meet a constantly growing requirement.

Additional plates will be issued from time to time, to show new or novel features as they may develop, and the holders of the portfolios will be notified on completion of our new plates.

DAHLSTROM METALLIC DOOR COMPANY.

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BY

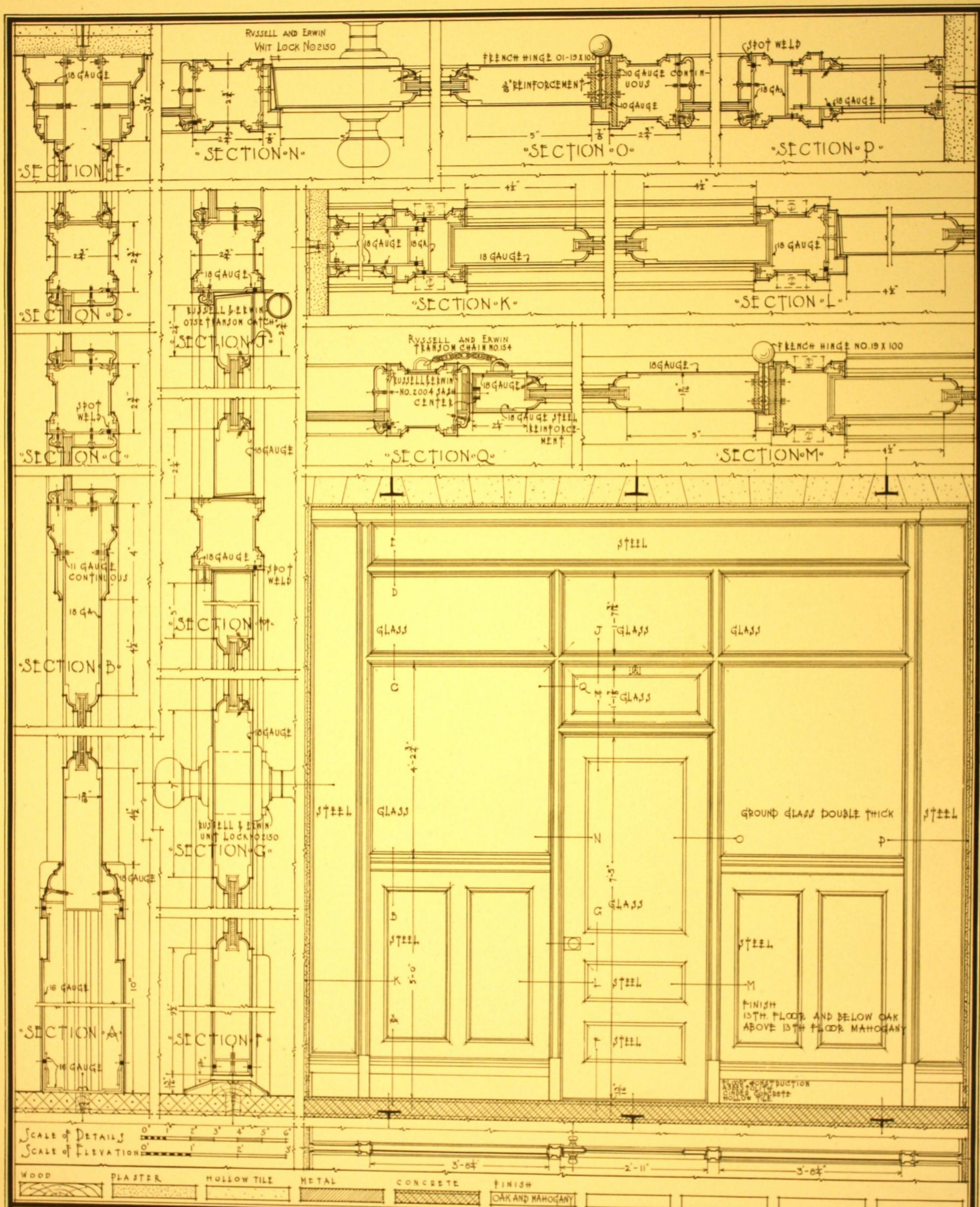
DAHLSTROM METALLIC DOOR COMPANY

M. E. THOMAS, JR. (1913-1914)

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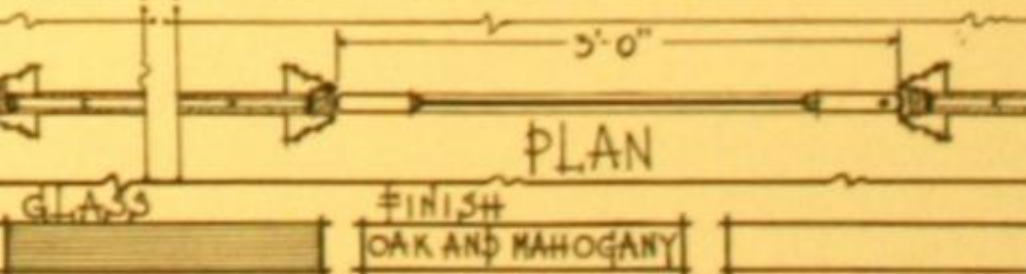
ARCHITECTURAL
SERIES
DRAWING NO. 1

STEEL DOOR AND PARTITION BETWEEN OFFICES
SINGER BUILDING NEW YORK
ERNEST FLAGG ARCHITECT NEW YORK

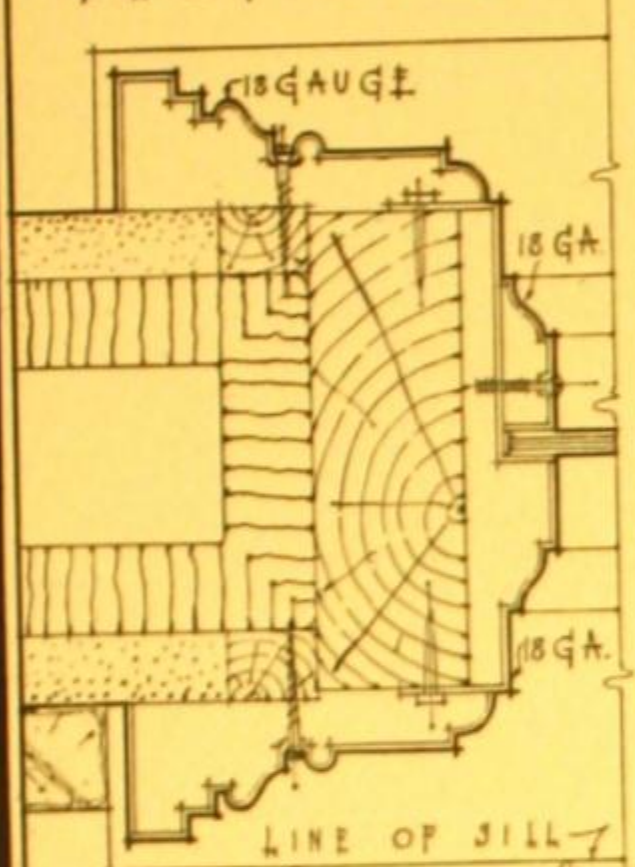
HOLLOW METAL
CONSTRUCTION

DAHLSTROM METALLIC DOOR COMPANY

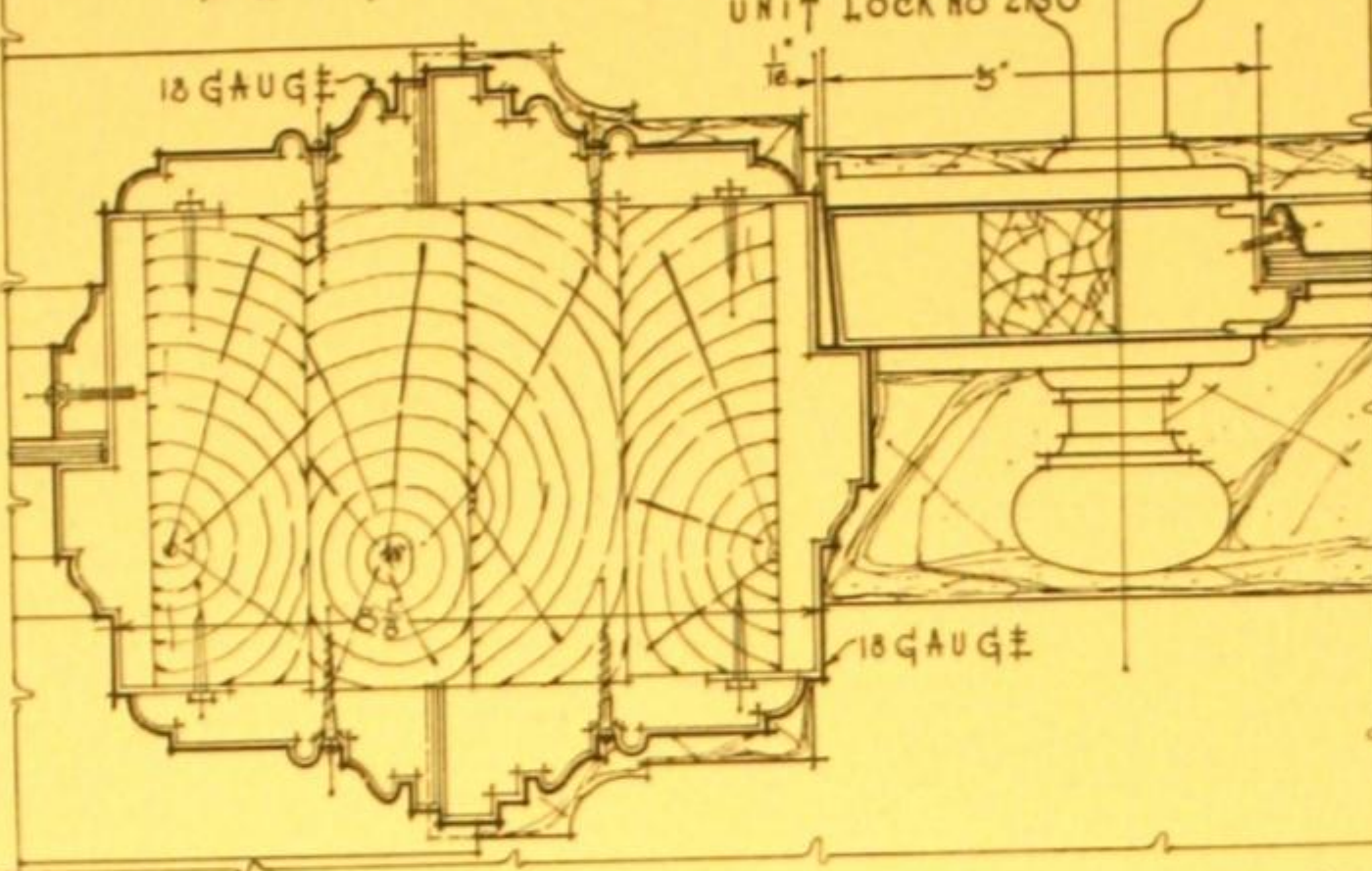
JAMESTOWN NEW YORK



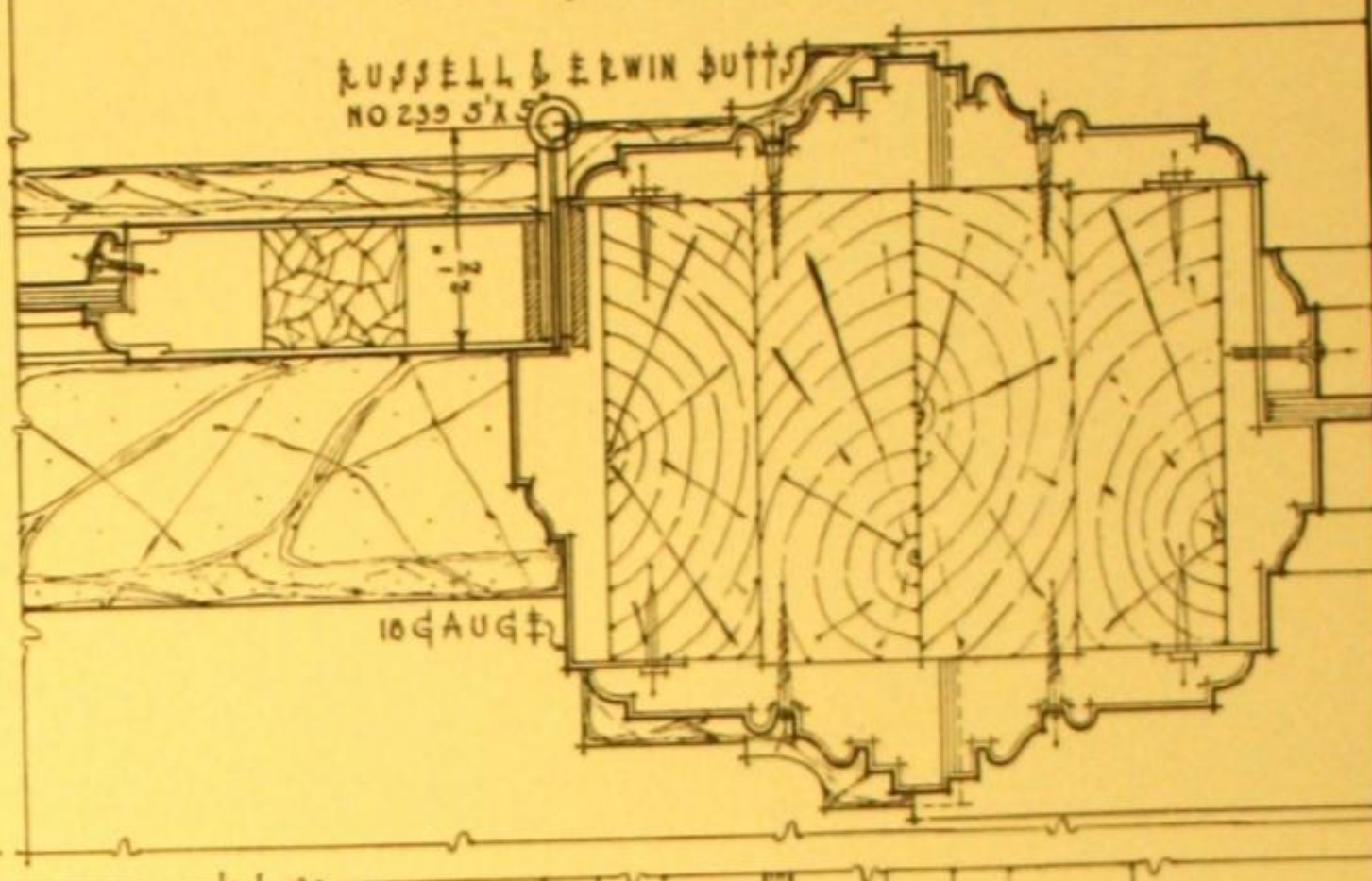
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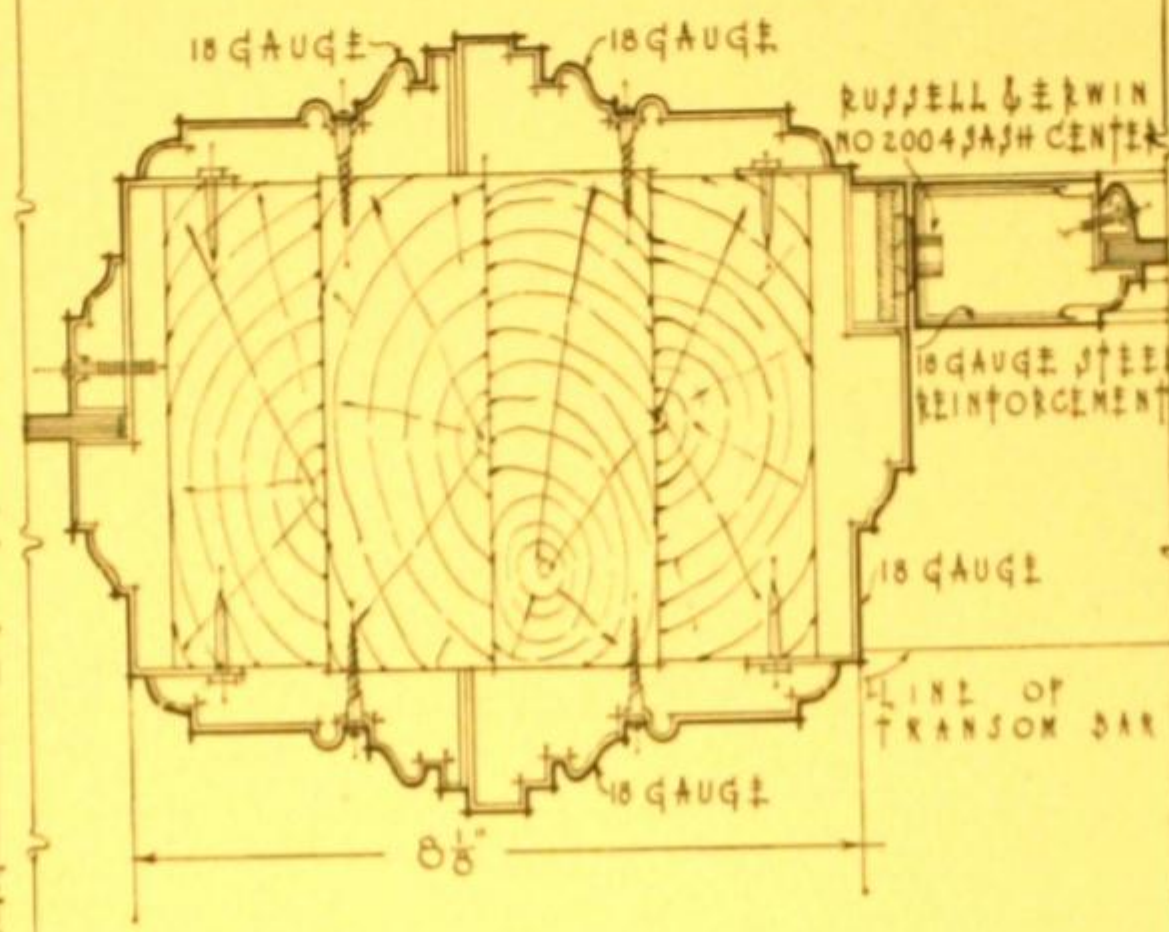
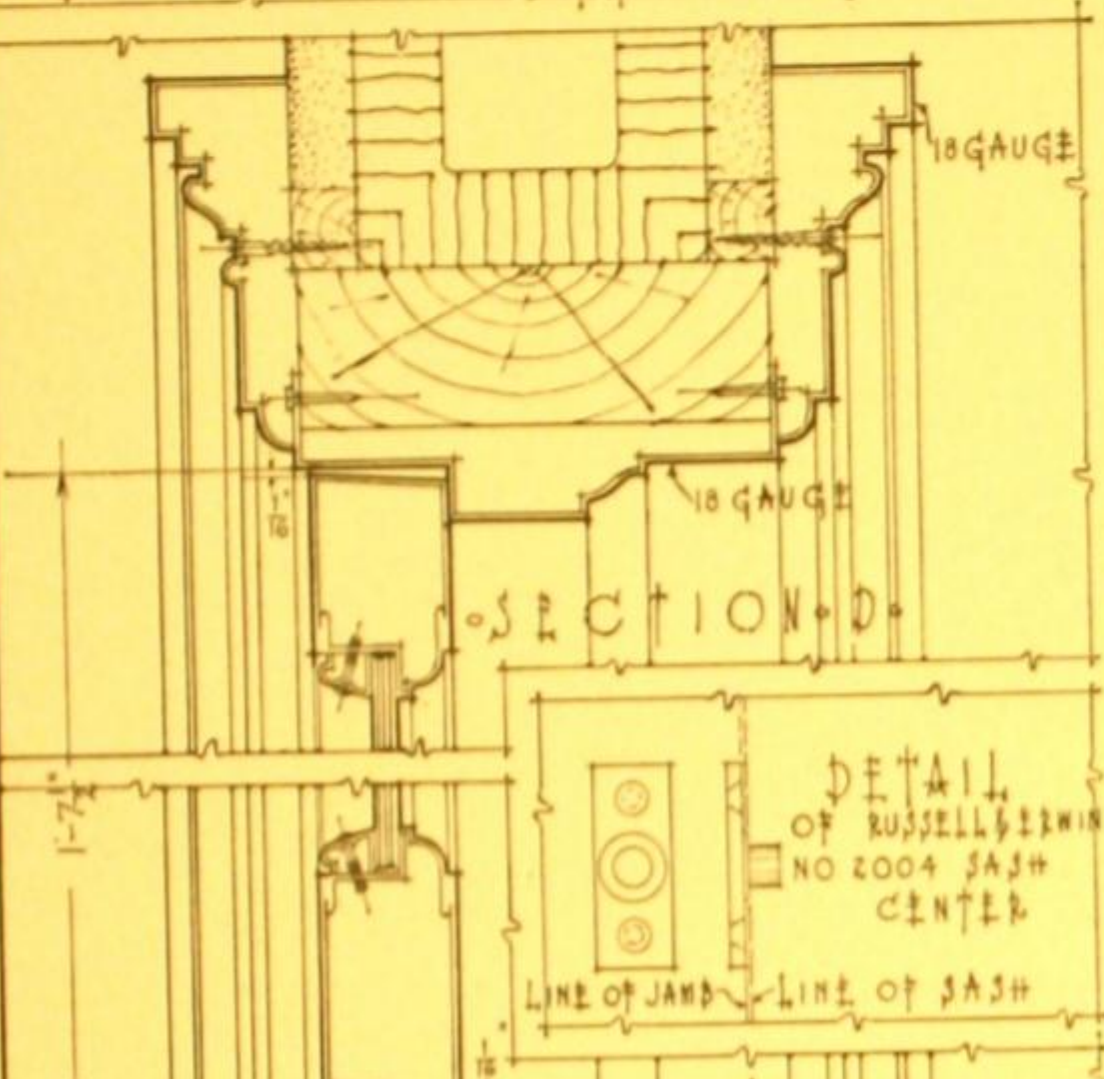
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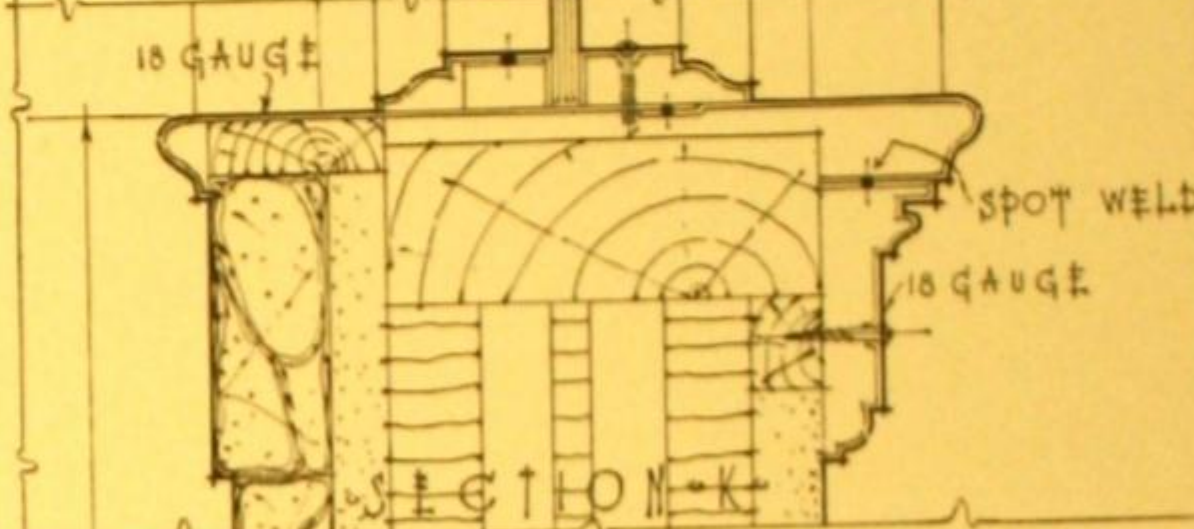
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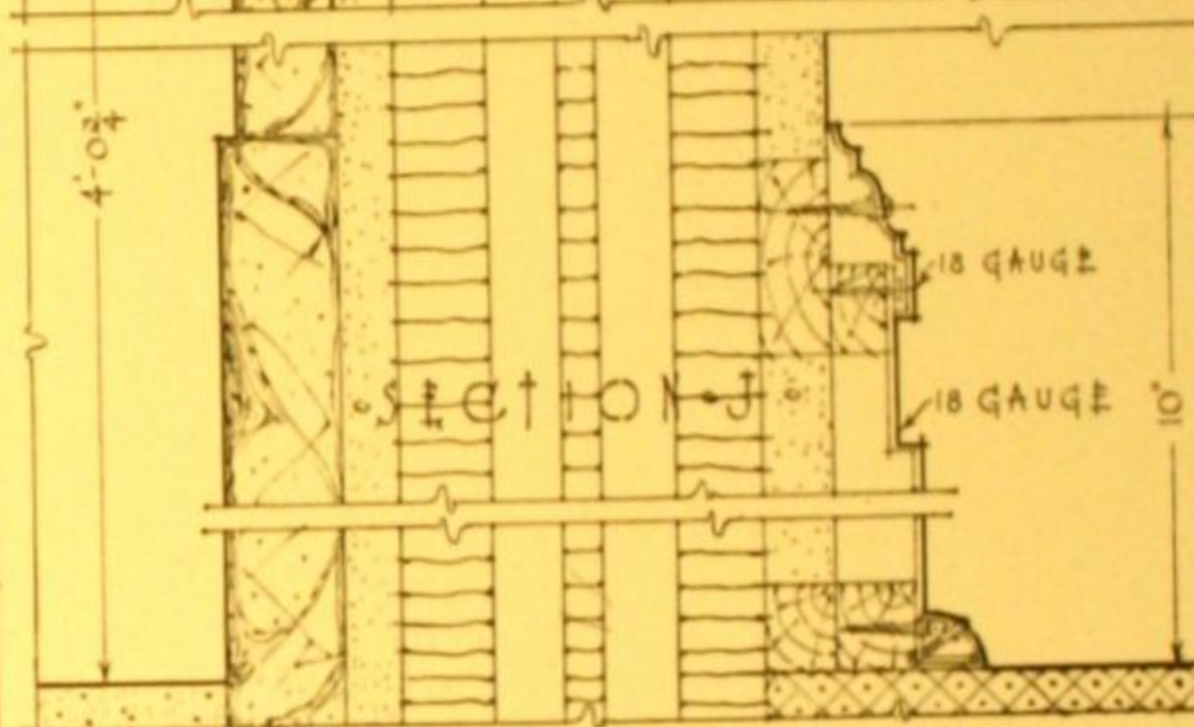
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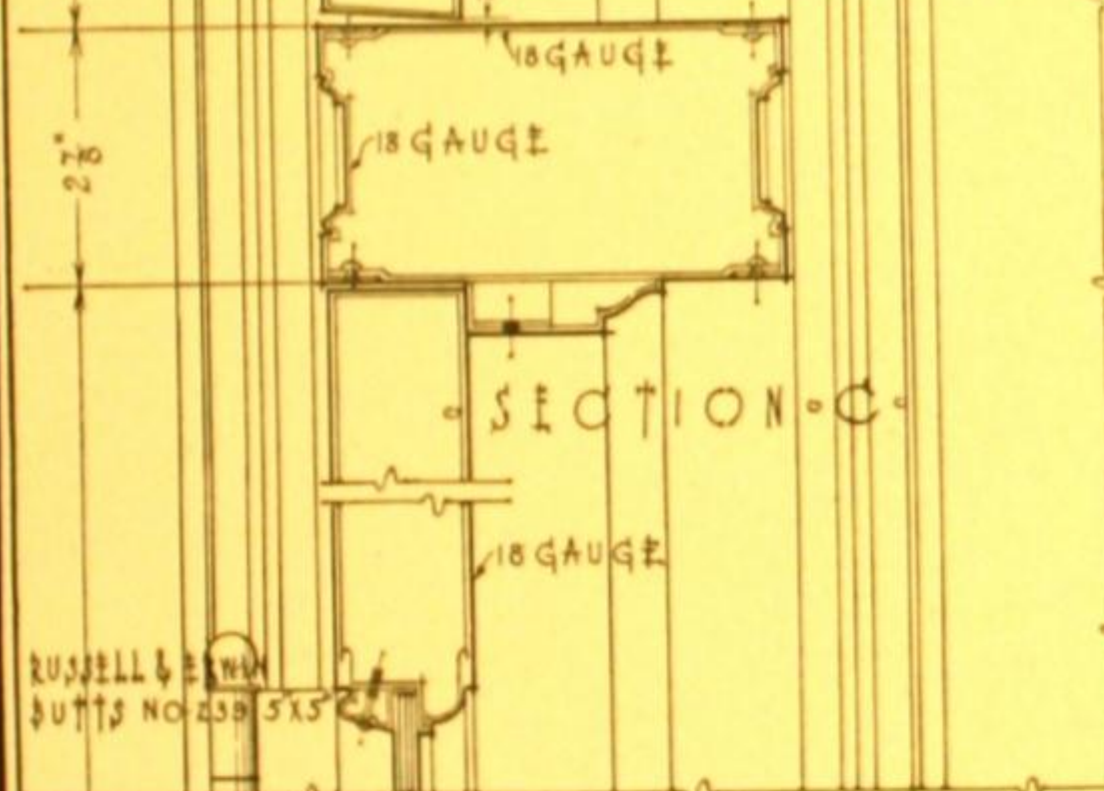
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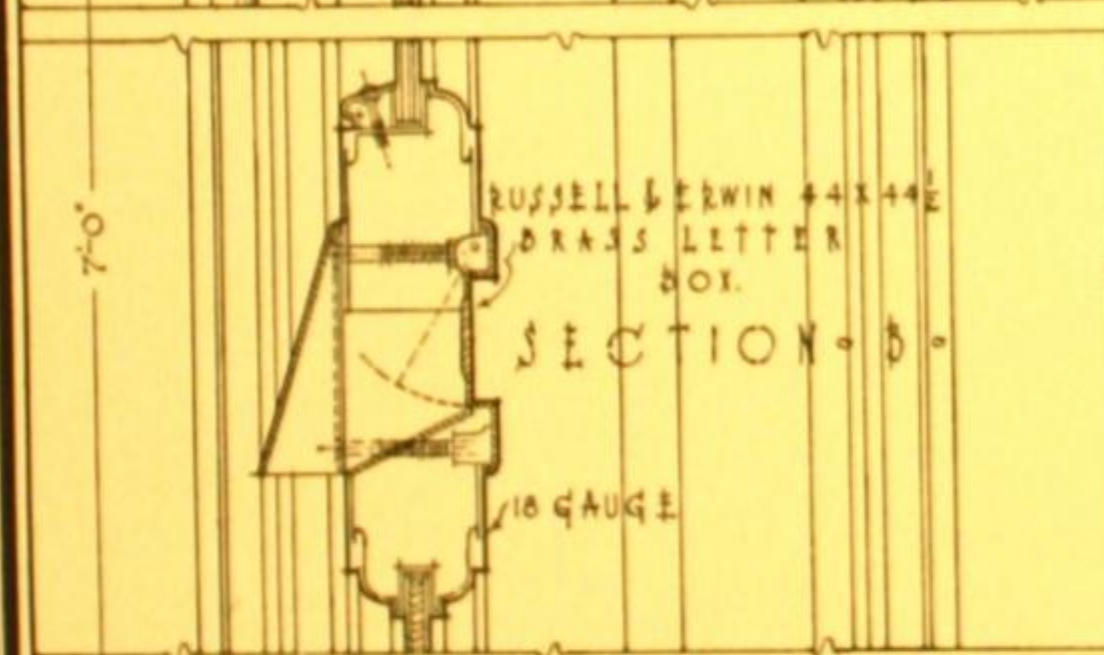
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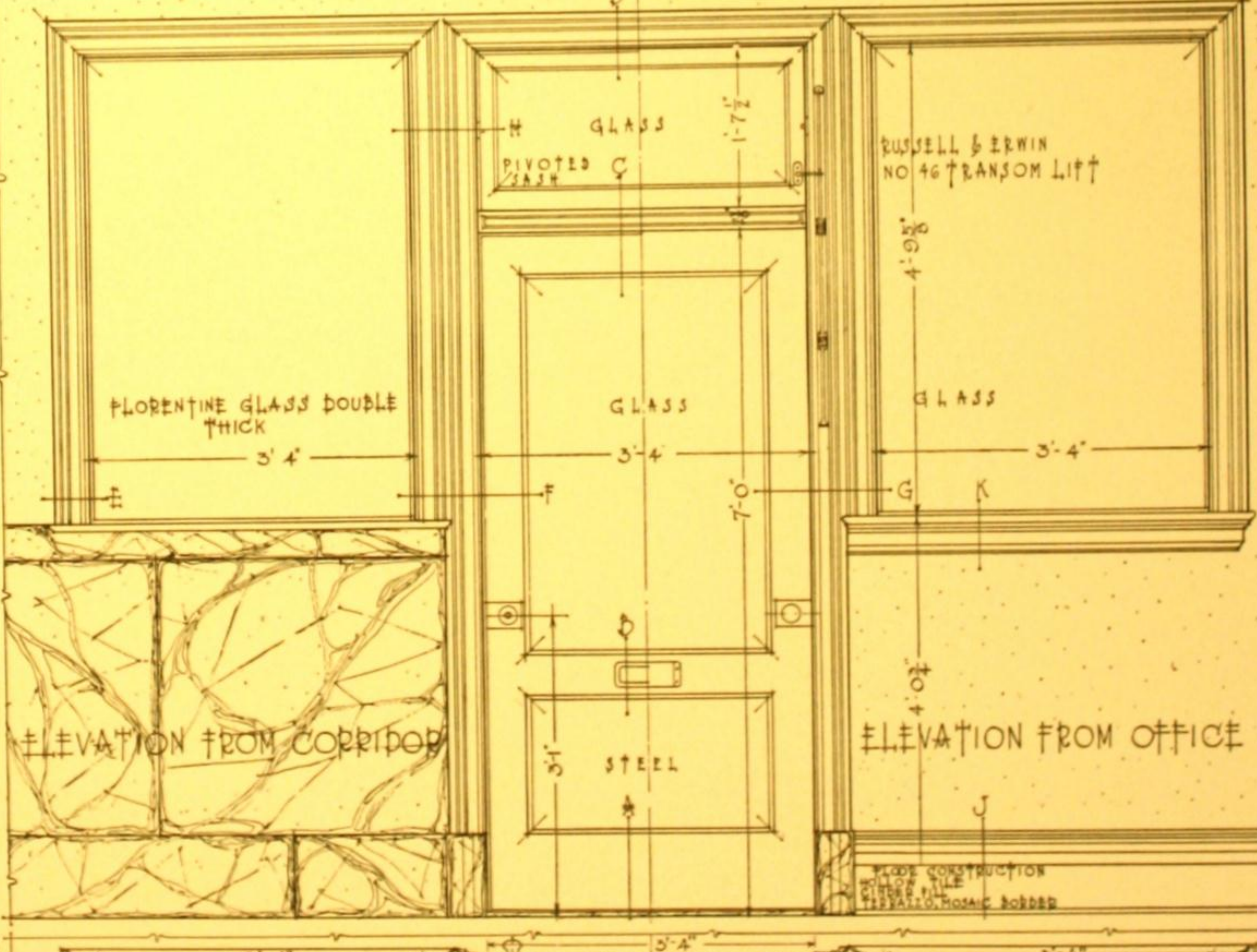
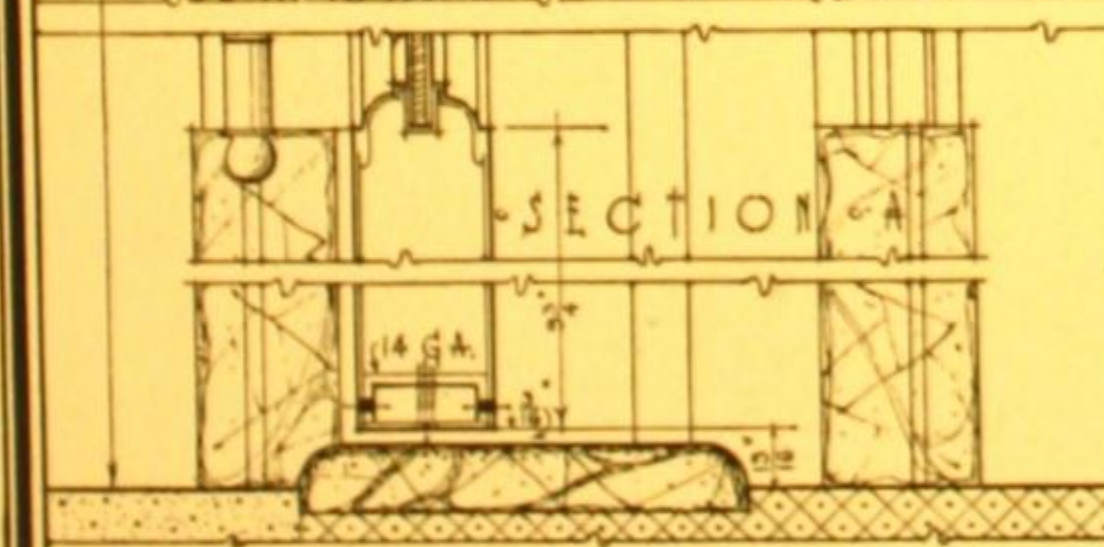
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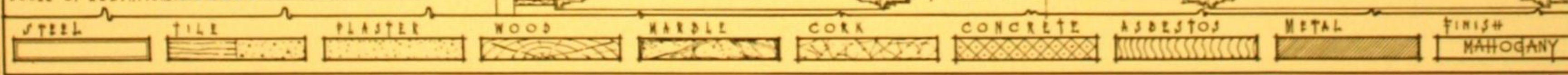
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SECTION A



SCALE OF DETAILS
SCALE OF ELEVATIONS

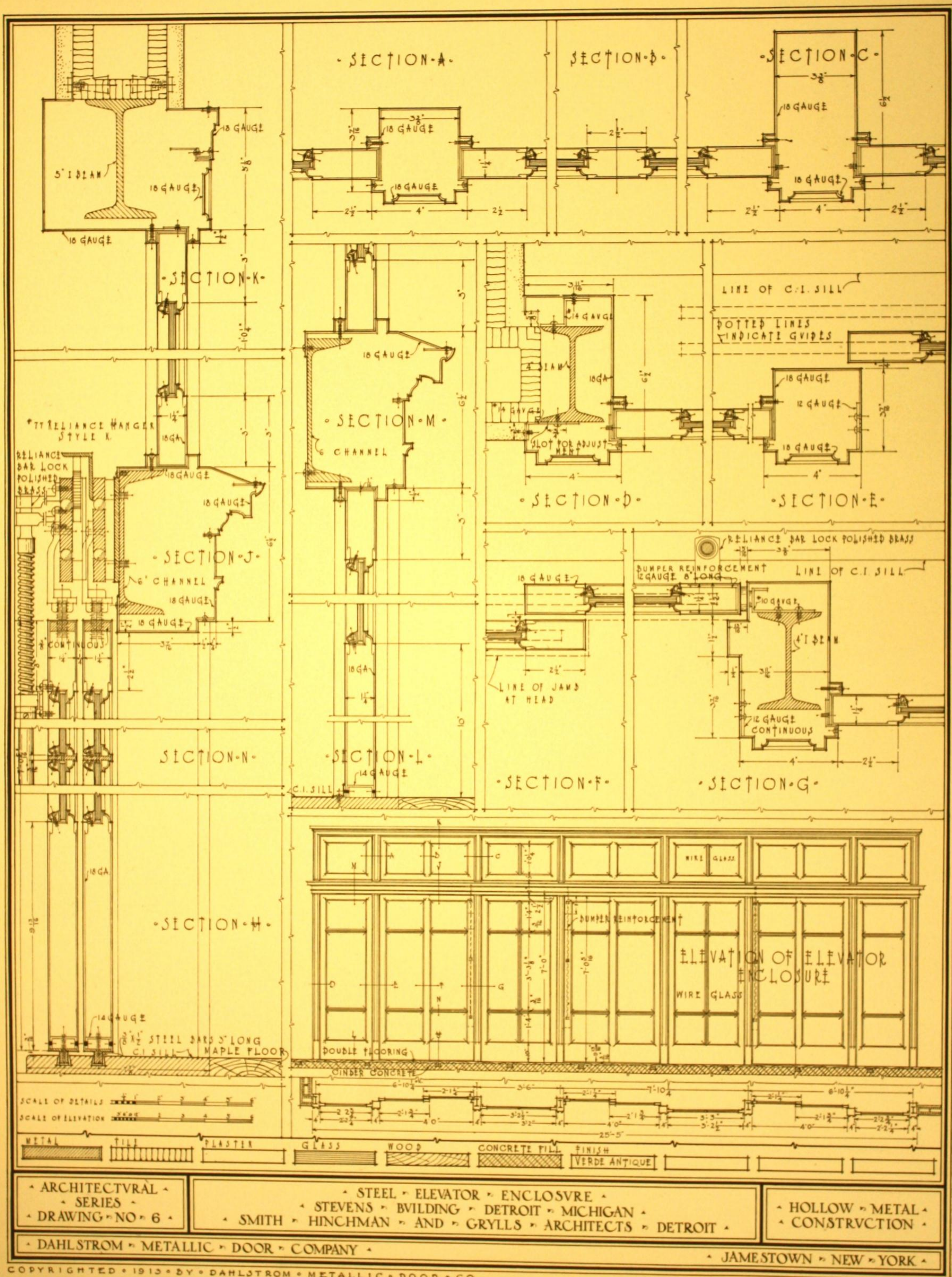


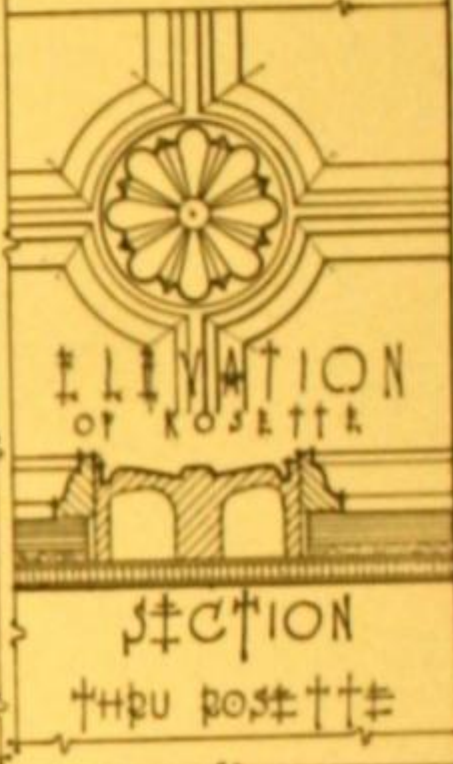
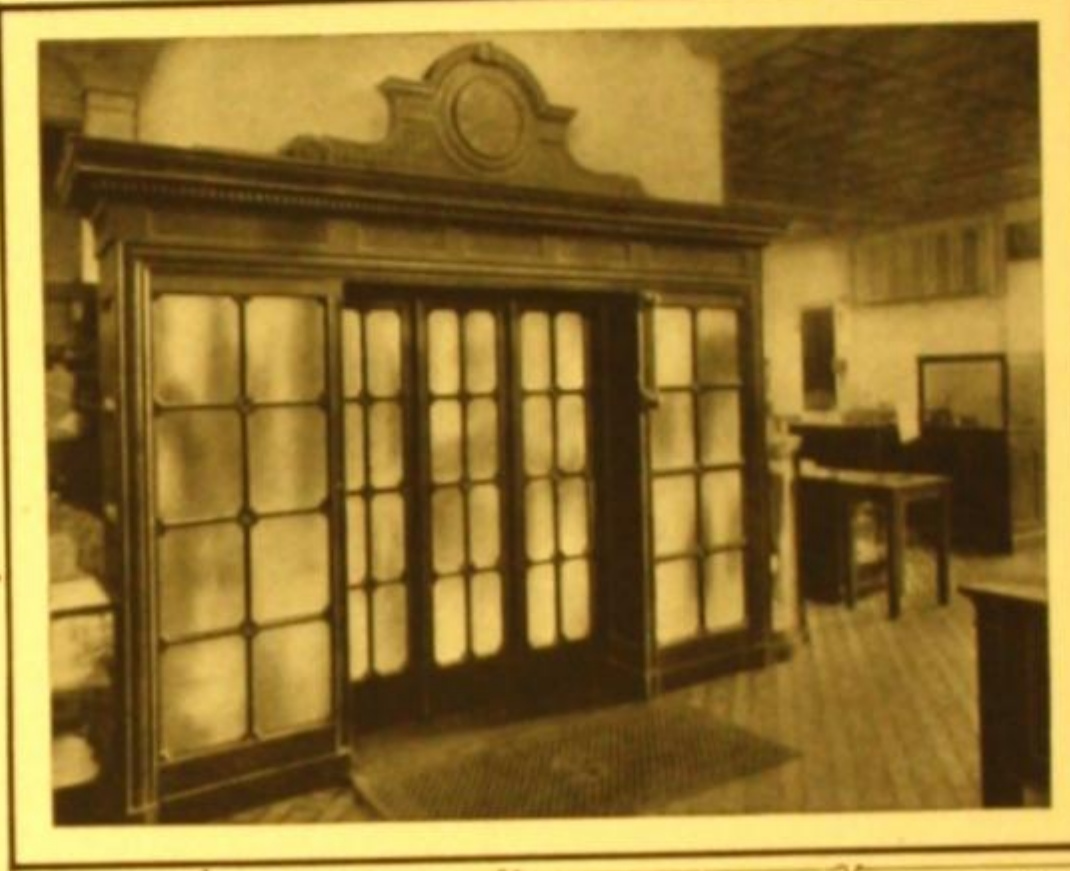
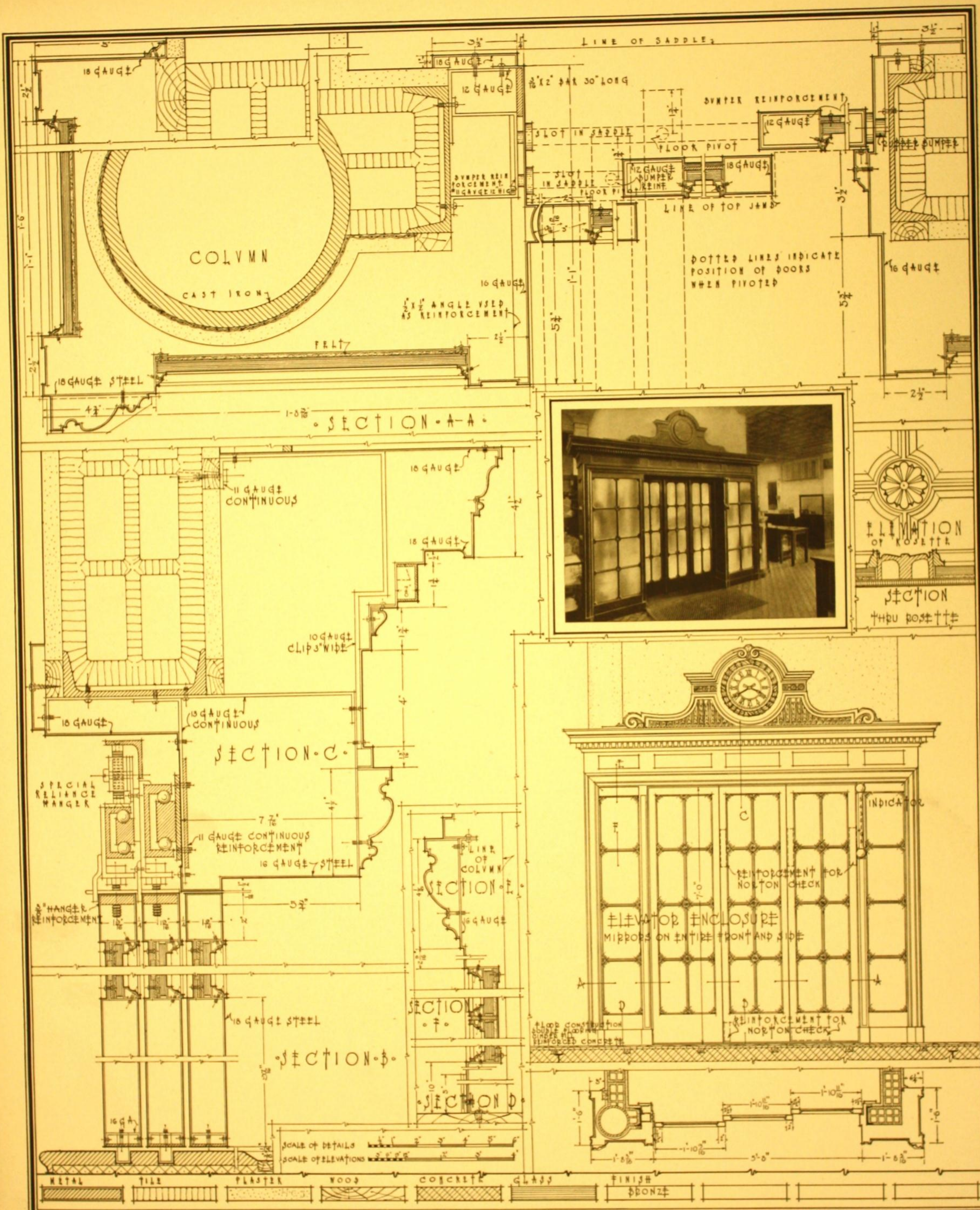
ARCHITECTURAL SERIES
DRAWING NO 3
DAHLSTROM METALLIC DOOR COMPANY
STEEL DOOR AND TRIM FROM CORRIDOR TO OFFICE
UNITED STATES EXPRESS BUILDING NEW YORK CITY
CLINTON AND RUSSELL ARCHITECTS NEW YORK CITY
HOLLOW METAL CONSTRUCTION
JAMESTOWN NEW YORK



▲ HOLLOW METAL ▲
▲ CONSTRUCTION ▲

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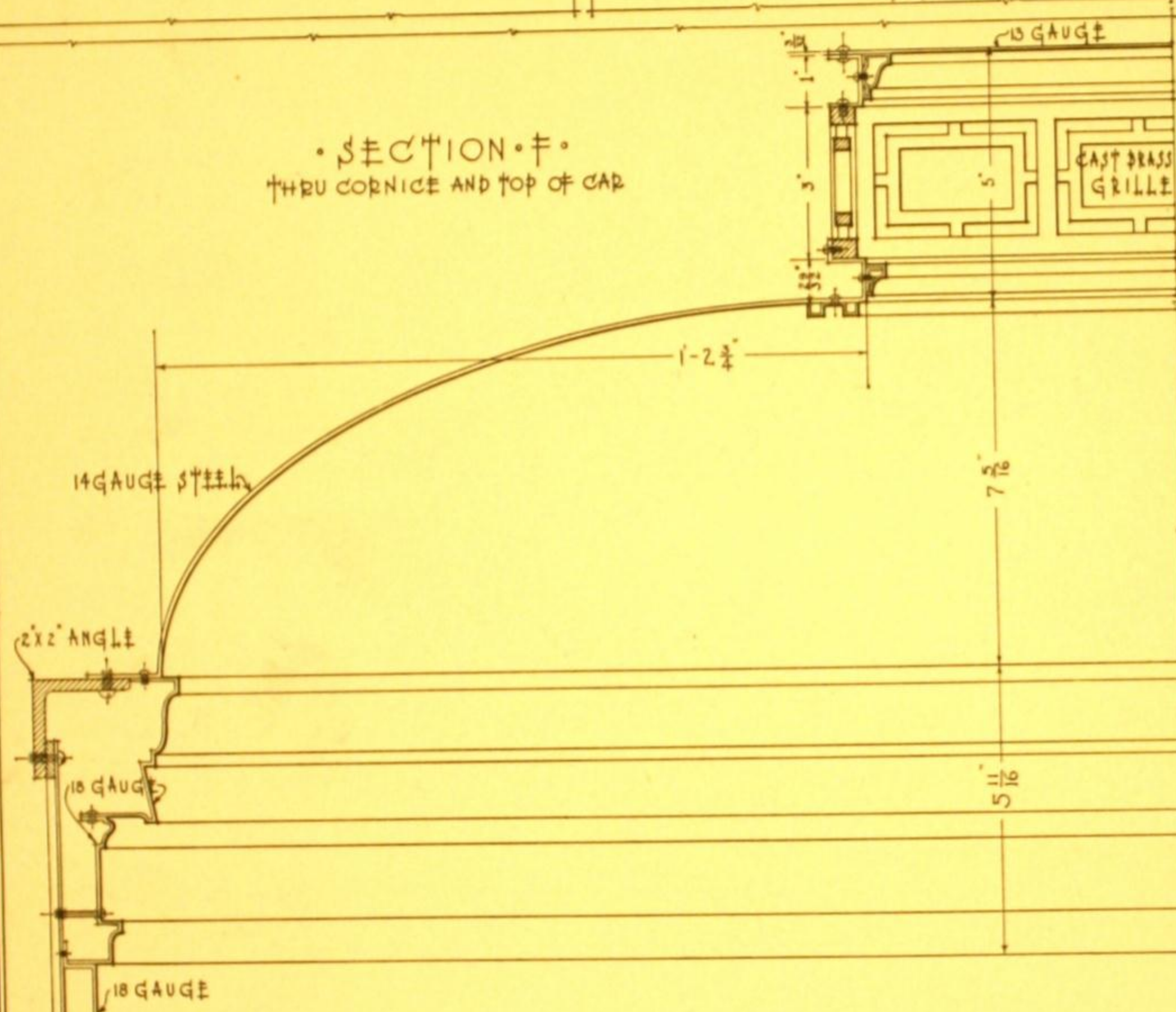
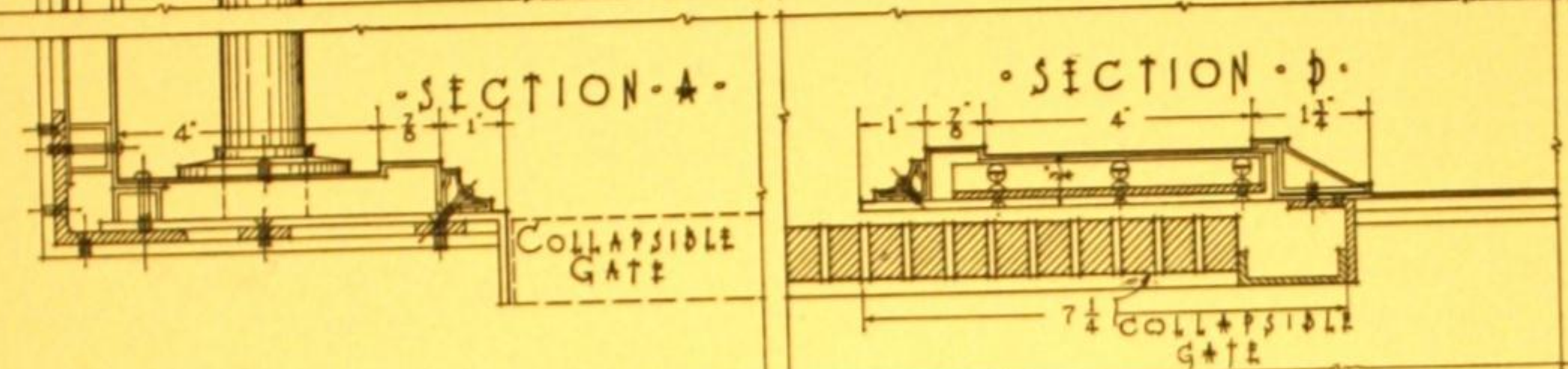
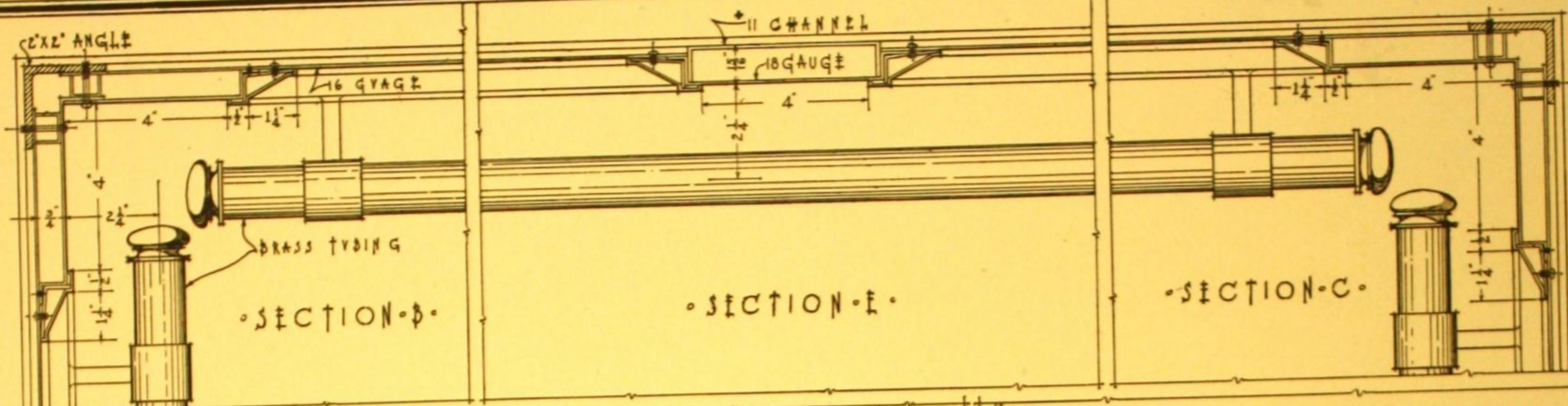


ARCHITECTURAL SERIES
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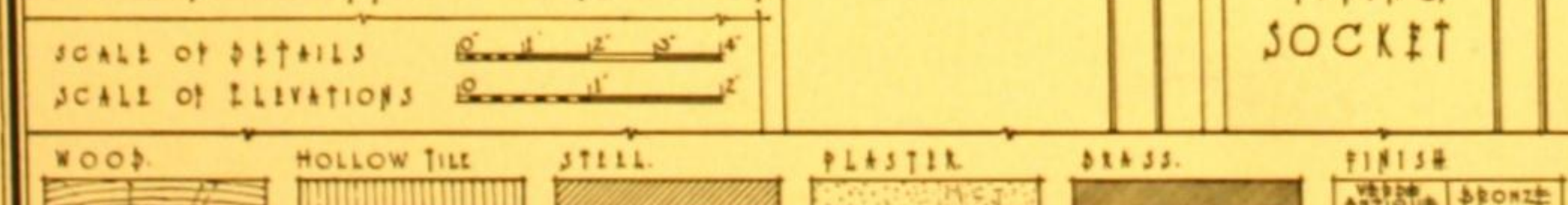
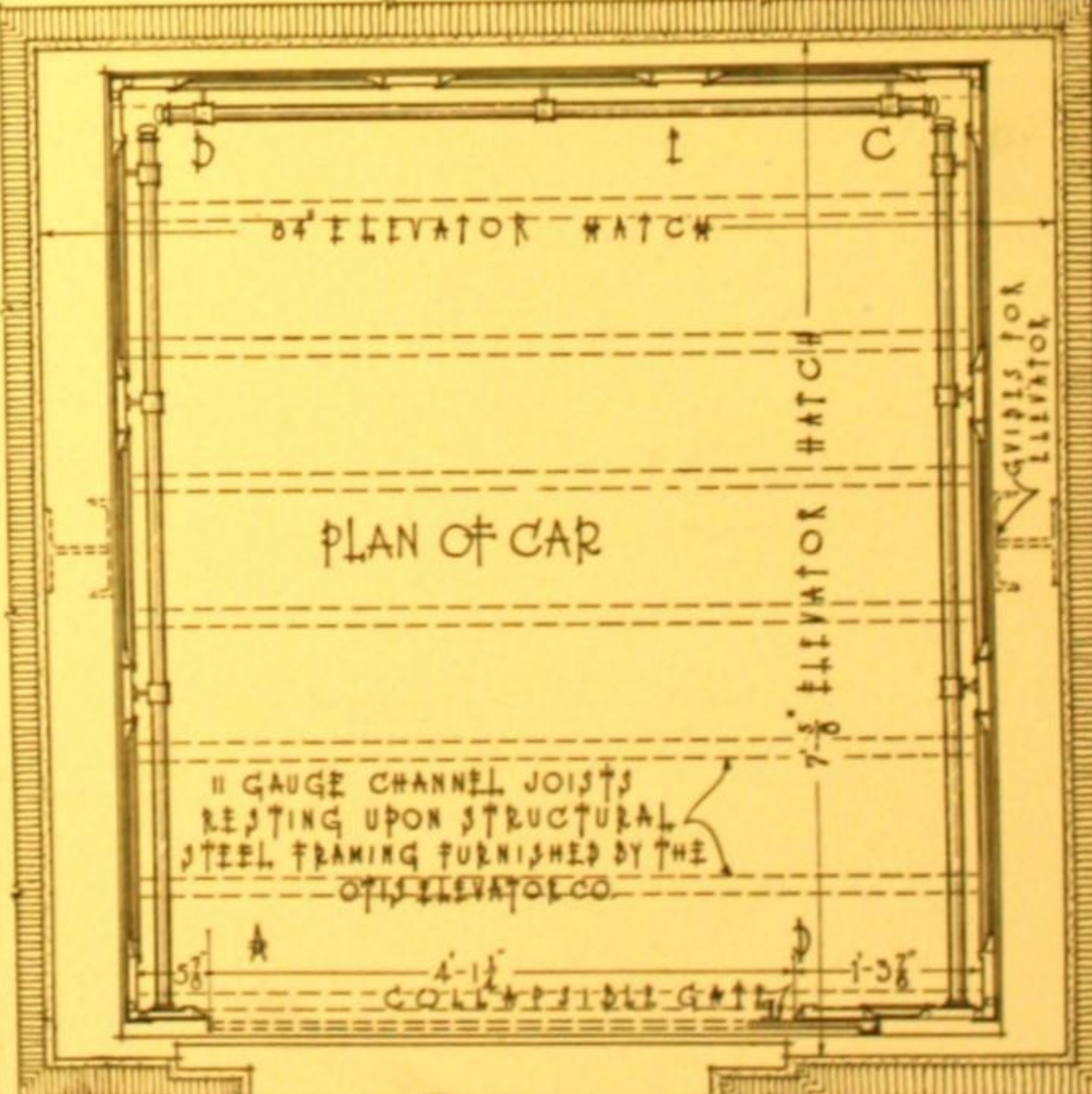
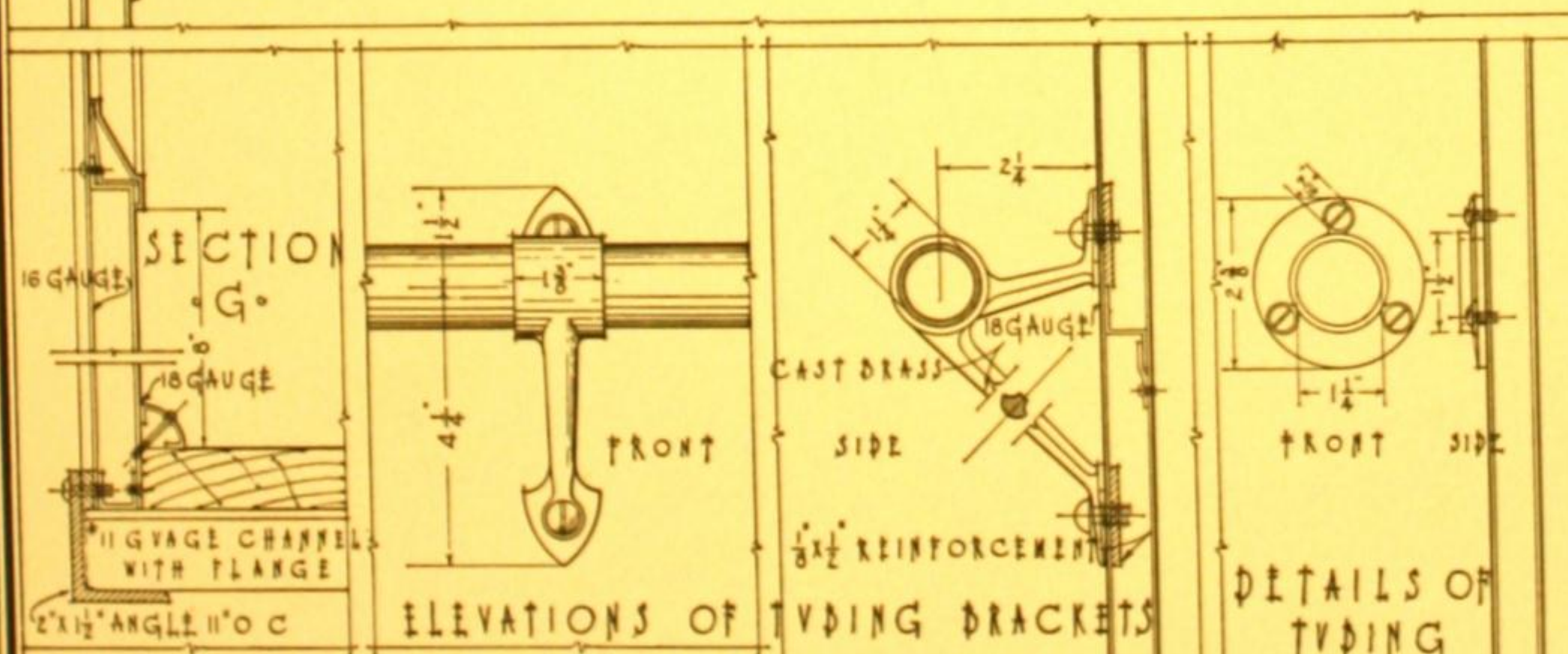
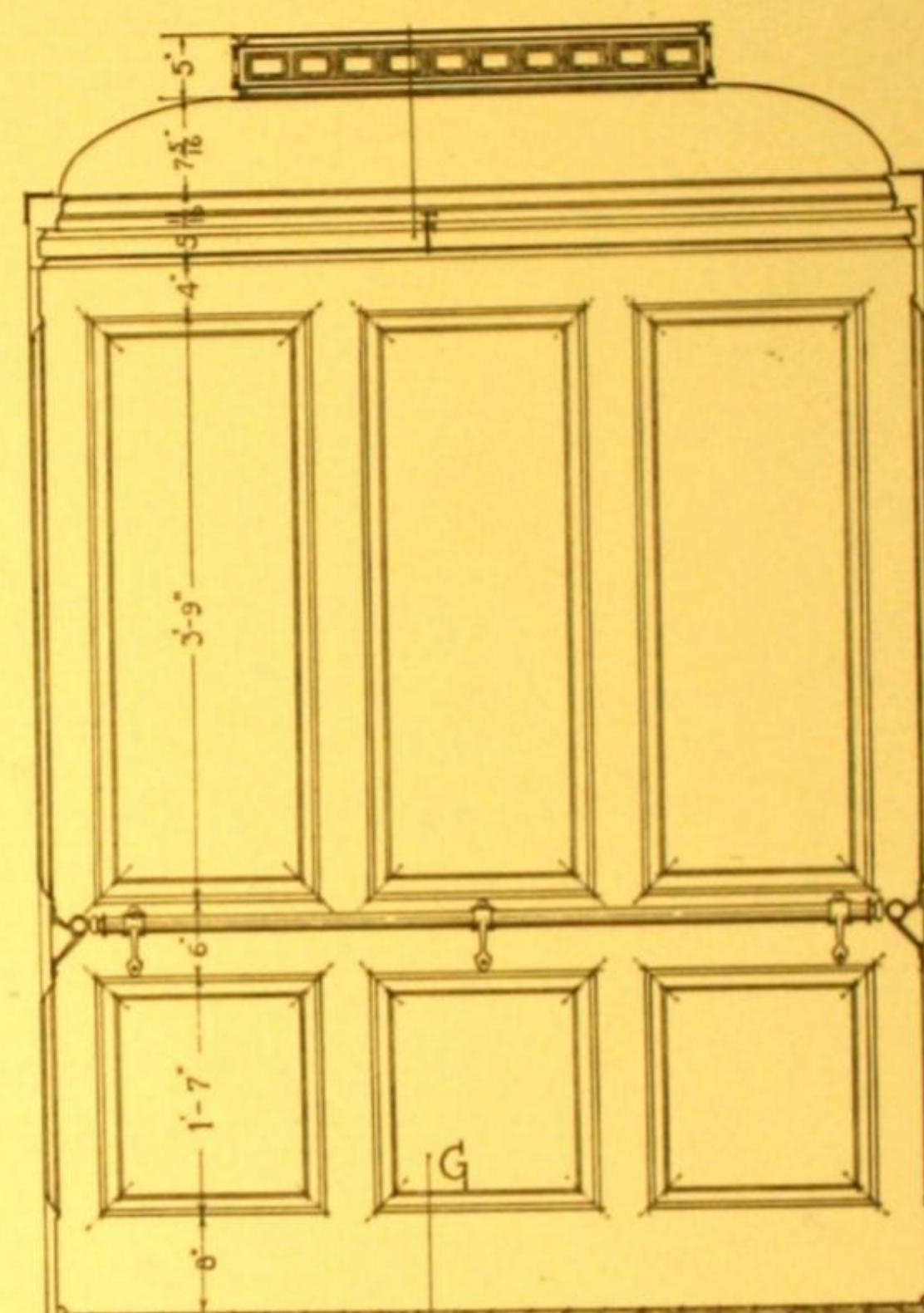
TWO SPEED SLIDING ELEVATOR DOOR WITH FIXED PANEL
FRANKLIN SIMON STORE NEW YORK CITY
EDWARD NEARSILMER ARCHITECT NEW YORK CITY

HOLLOW METAL CONSTRUCTION

DAHLSTROM METALLIC DOOR COMPANY
JAMESTOWN NEW YORK



FINISHED IN VERDE ANTIQUE & GRADED FROM DARK AT BASE TO LIGHT AT CORNICE & ELLIPTICAL CORNICE FINISHED IN BRONZE



ARCHITECTURAL SERIES DRAWING NO. 9

STEEL ELEVATOR CAR

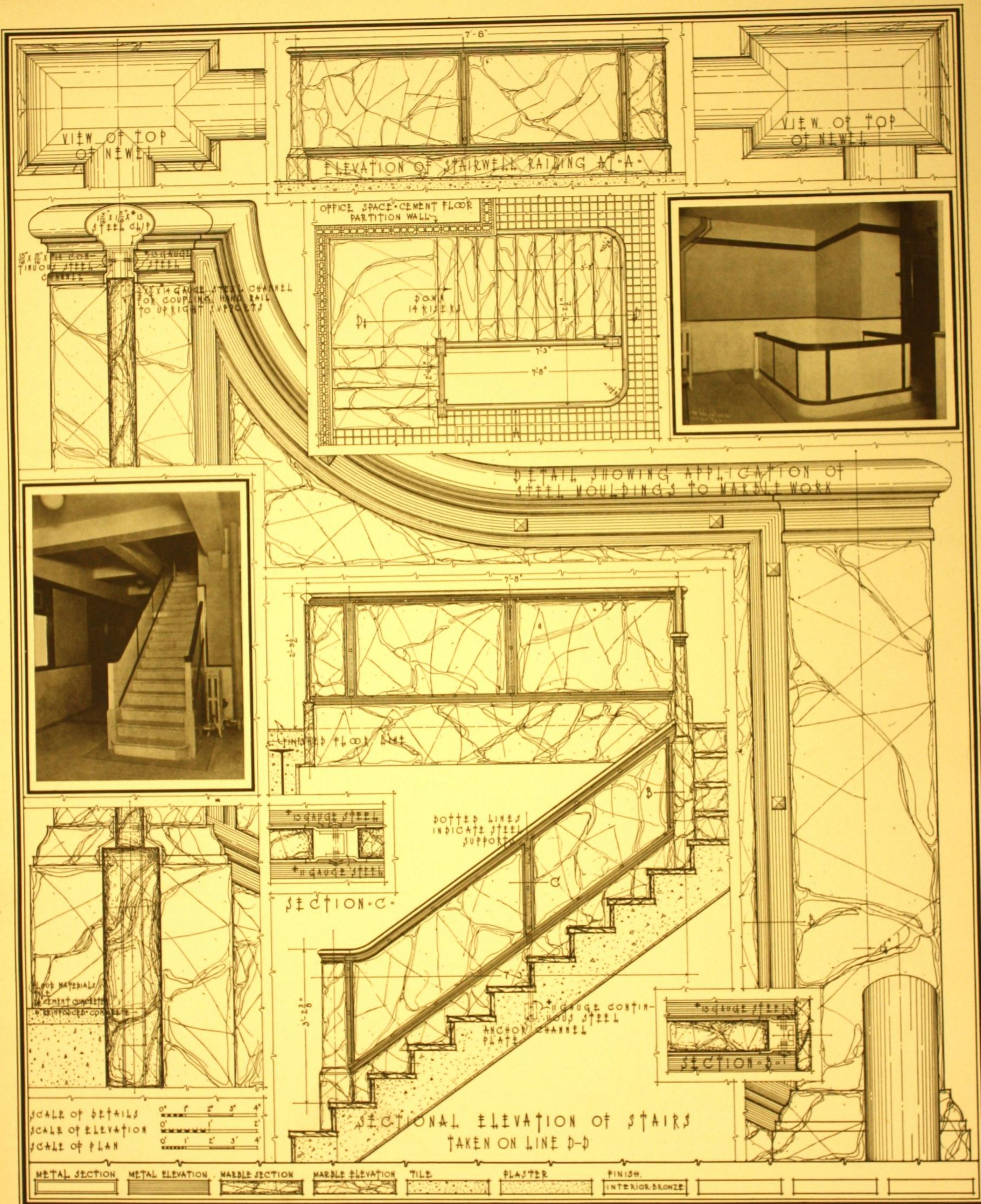
DVPONT BUILDING WILMINGTON DELAWARE

MANUFACTURER'S CONTRACTING COMPANY WILMINGTON DELAWARE

HOLLOW METAL CONSTRUCTION

DAHLSTROM METALLIC DOOR COMPANY

JAMESTOWN NEW YORK

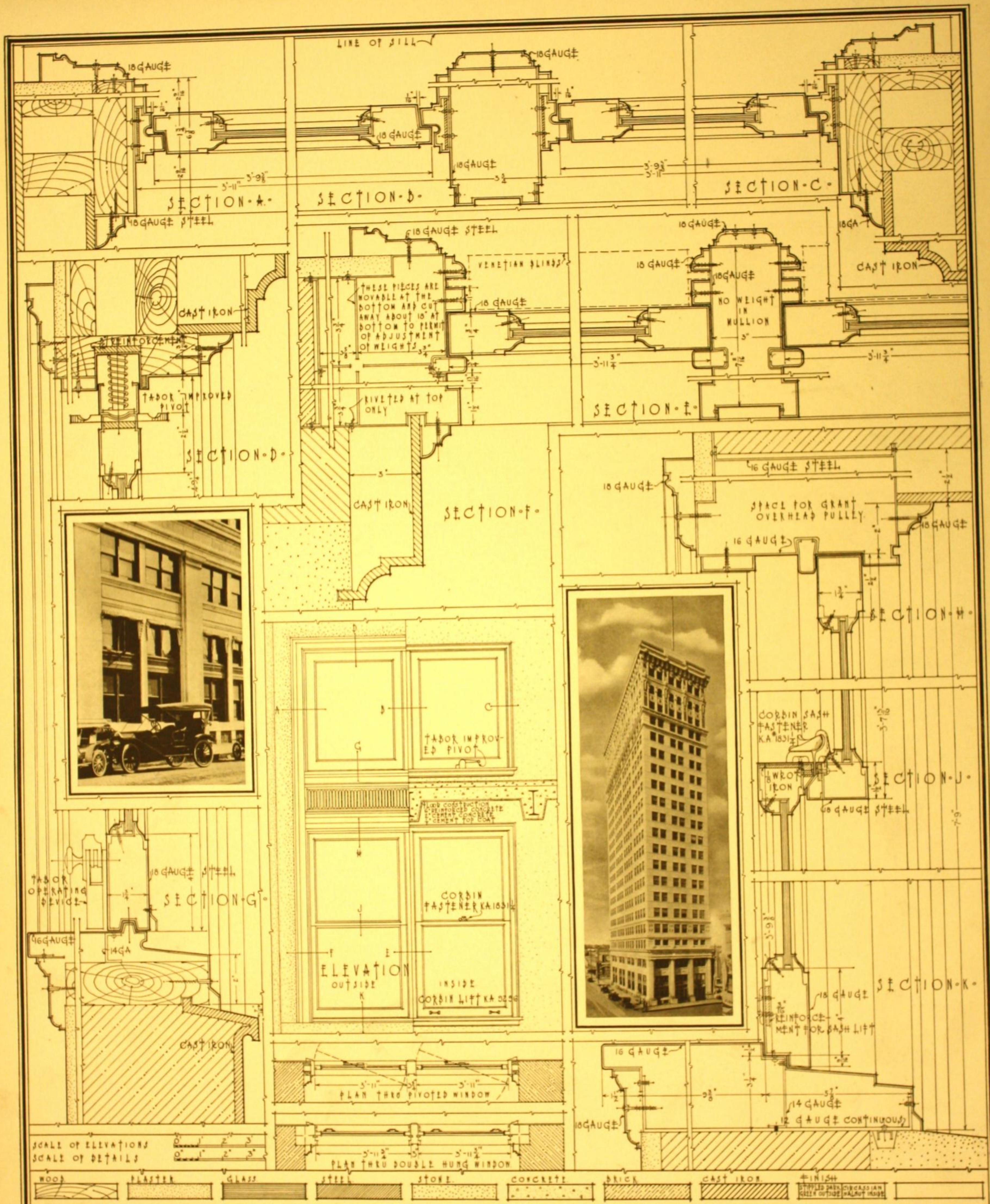


ARCHITECTURAL
SERIES
DRAWING NO. 11

DRAWN BY STEEL MOULDINGS AS APPLIED TO STAIR WORK
AMICABLE LIFE INSURANCE BUILDING WACO TEXAS
SANGVINET AND STAATS ARCHITECTS FORT WORTH TEXAS

HOLLOW METAL
CONSTRUCTION

DAHLSTROM METALLIC DOOR COMPANY JAMESTOWN NEW YORK



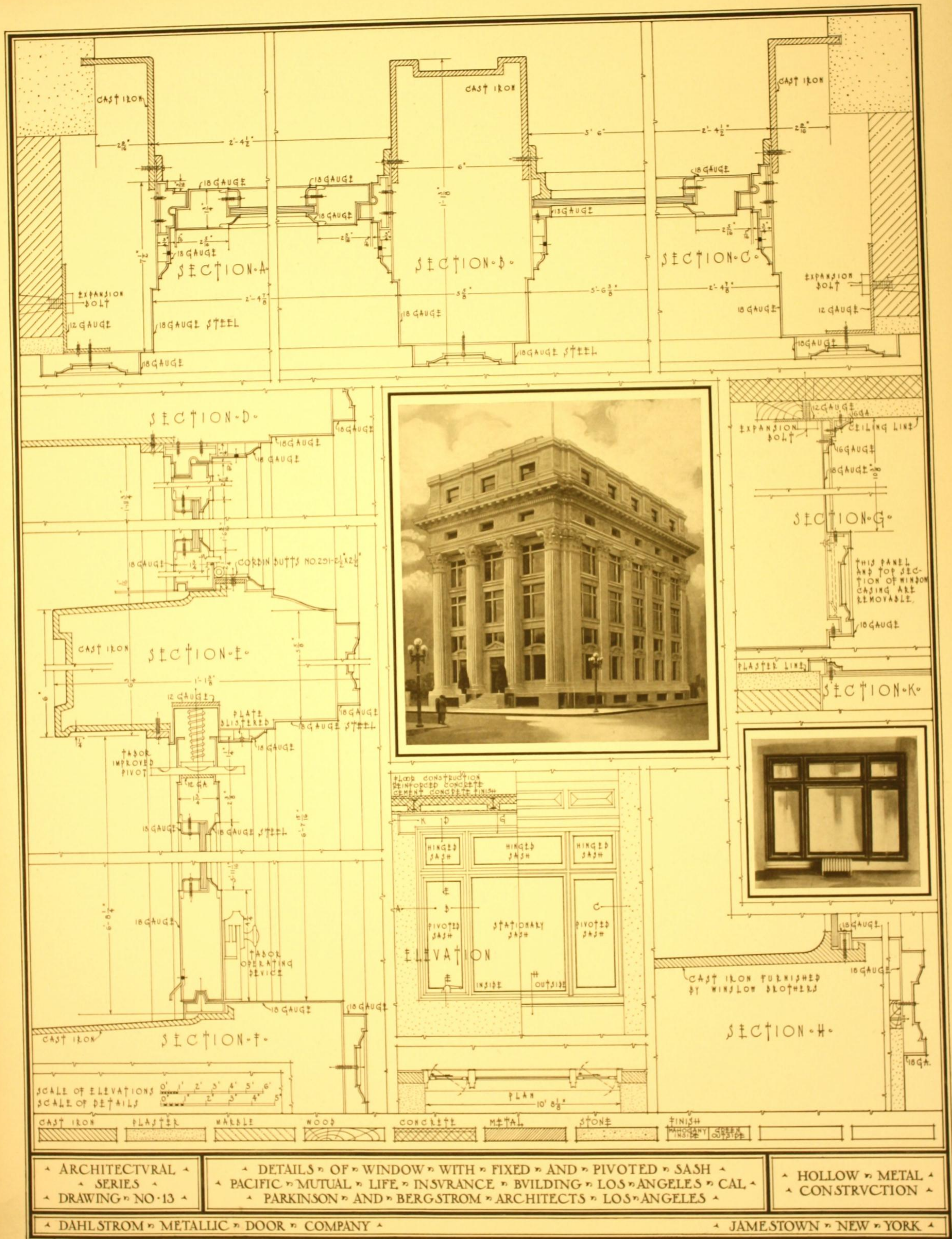
▲ ARCHITECTURAL ▲
▲ SERIES ▲
▲ DRAWING NO. 12 ▲

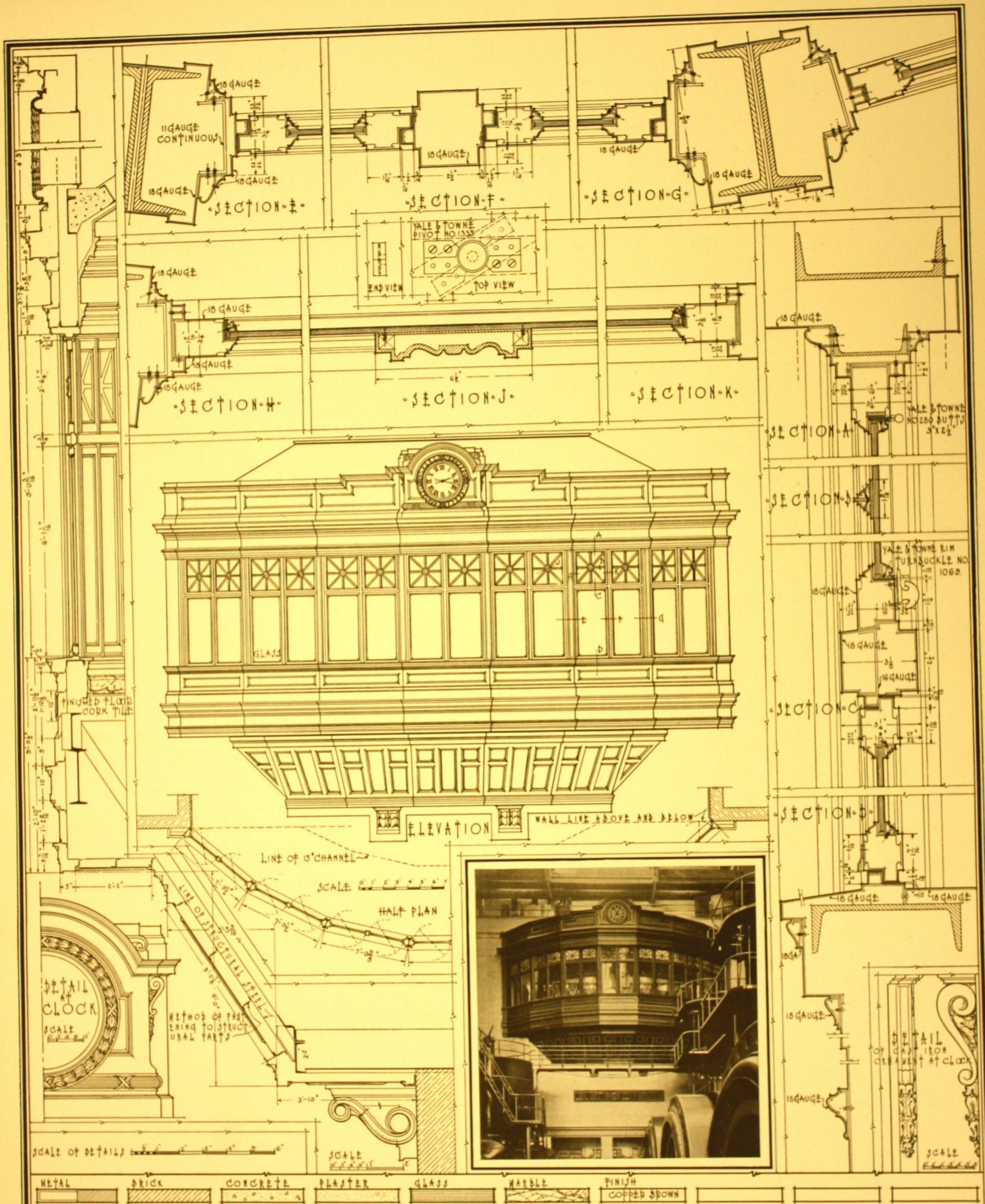
▲ DETAILS OF DOUBLE HUNG AND PIVOTED WINDOWS ▲
▲ AMICABLE LIFE INSURANCE BUILDING WACO TEXAS ▲
▲ SANGVINET AND STATS ARCHITECTS FORT WORTH TEXAS ▲

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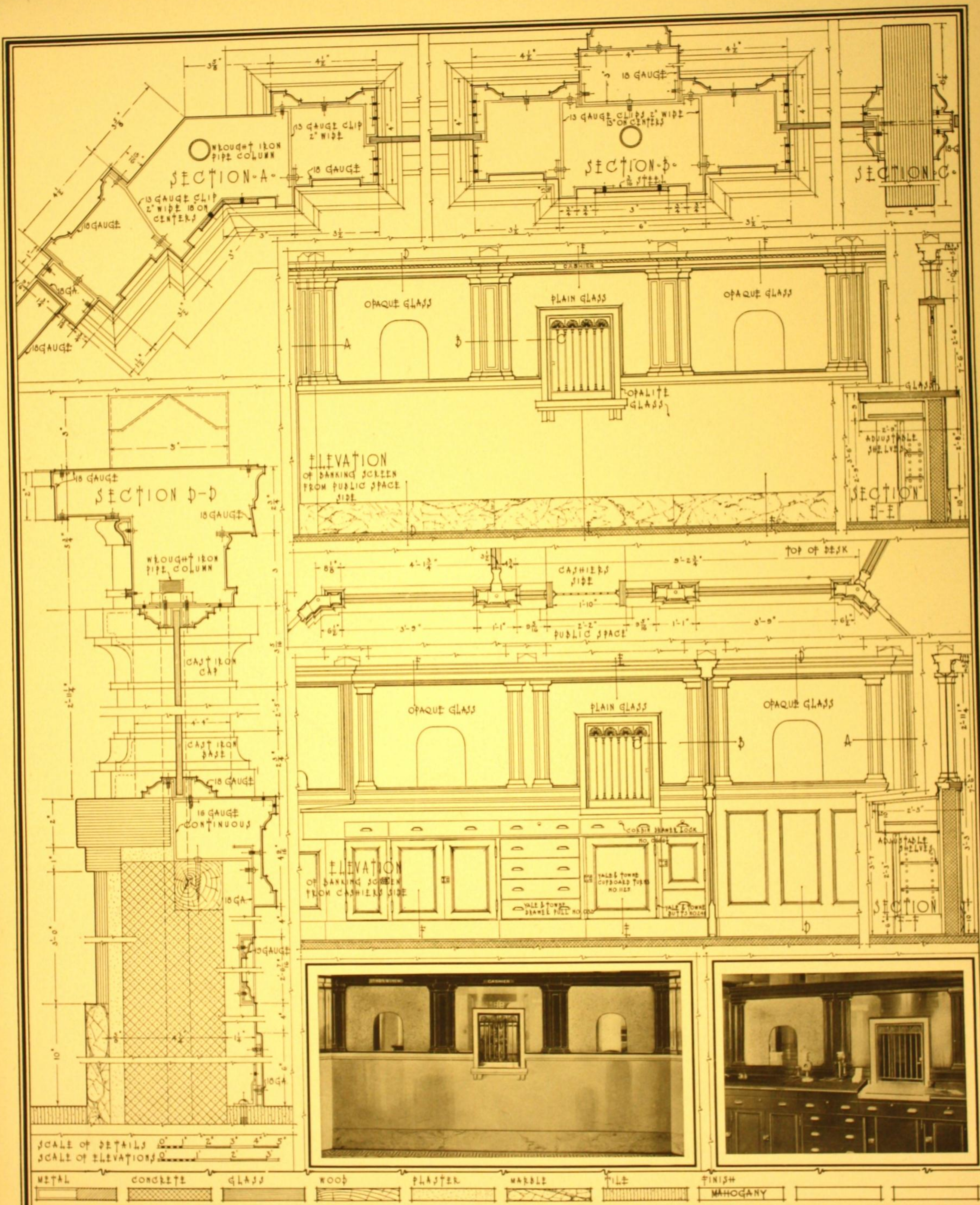


ARCHITECTURAL SERIES
DRAWING NO. 14

STEEL SEMICIRCULAR BAY IN WATERSIDE STATION NO. 1
NEW YORK EDISON COMPANY NEW YORK CITY
WILLIAM WEISSENBARGER JR. ARCHITECT NEW YORK CITY

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DAHLSTROM METALLIC DOOR COMPANY
JAMESTOWN NEW YORK



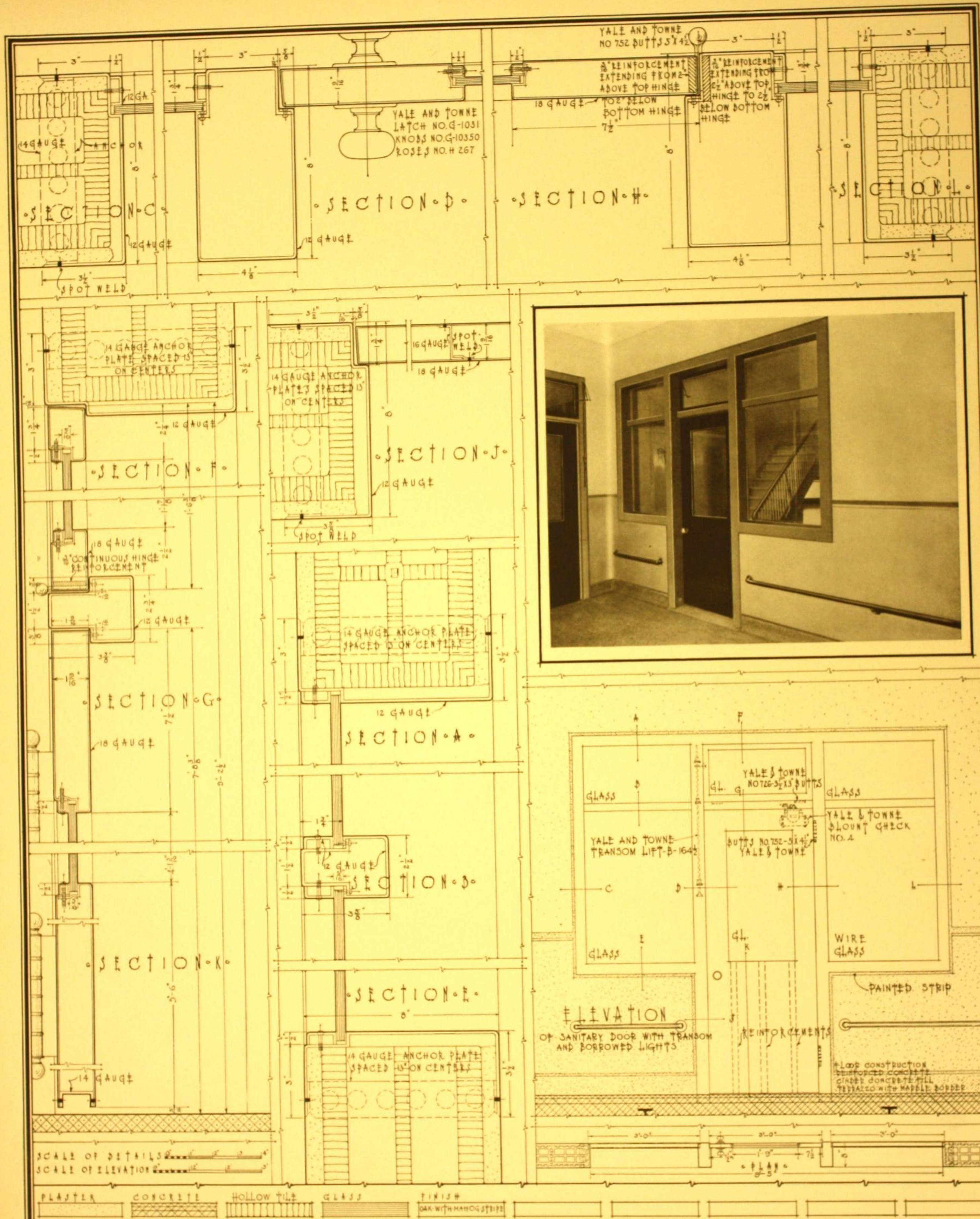
ARCHITECTURAL
SERIES
DRAWING NO. 15

DETAILS OF STEEL BANKING SCREEN AND DESK
PACIFIC MUTUAL LIFE INSURANCE BUILDING LOS ANGELES CAL.
PARKINSON AND BERGSTROM ARCHITECTS LOS ANGELES

HOLLOW METAL
CONSTRUCTION

DAHLSTROM METALLIC DOOR COMPANY

JAMESTOWN NEW YORK



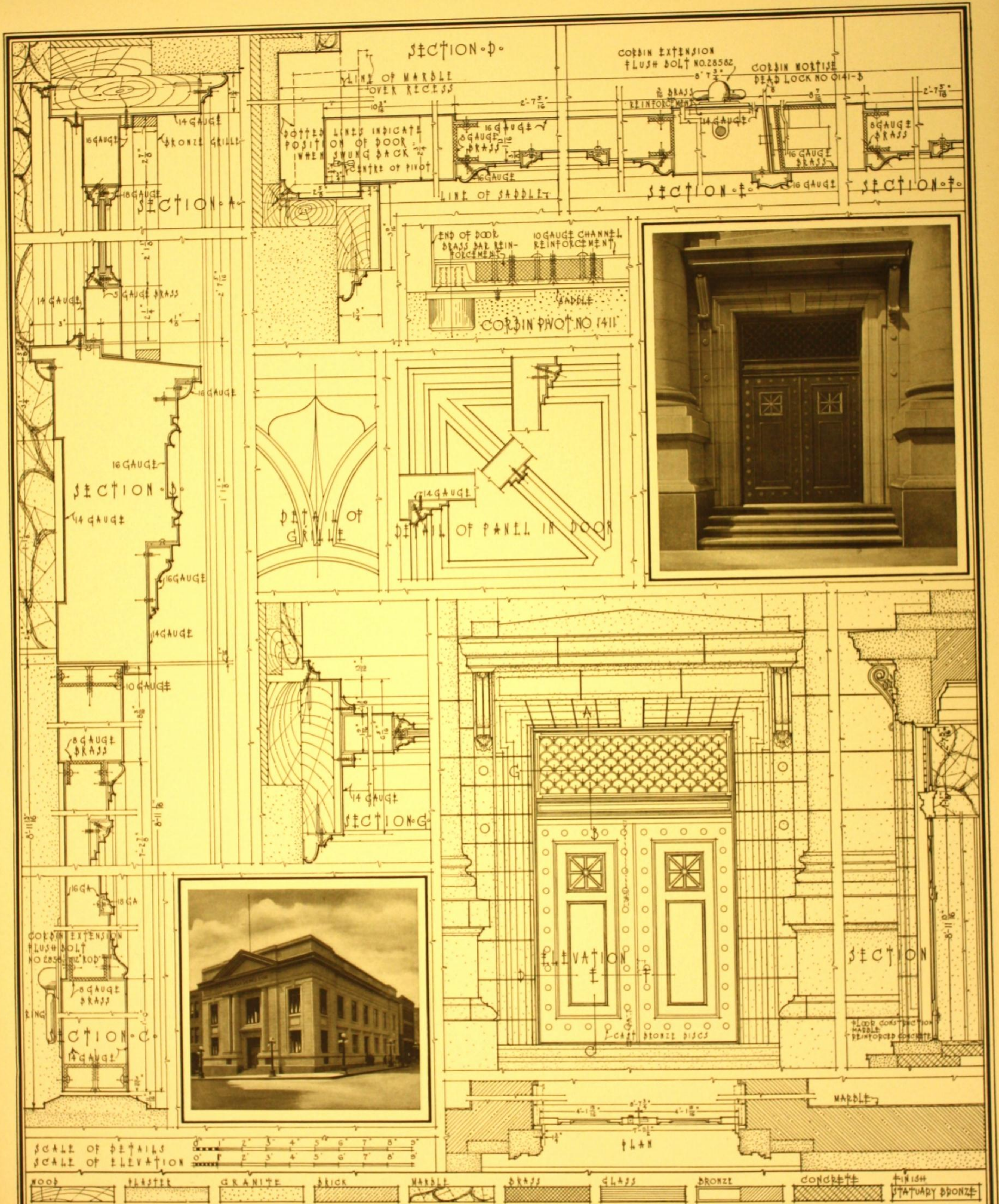
ARCHITECTURAL
SERIES
DRAWING NO. 17

SHOWING SANITARY STEEL DOOR AND PARTITION CONSTRUCTION
HOSPITAL FOR THE RUPURED AND CRIPPLED, NEW YORK CITY
YORK AND SAWYER ARCHITECTS NEW YORK CITY

HOLLOW METAL
CONSTRUCTION

DAHLSTROM METALLIC DOOR COMPANY

JAMESTOWN NEW YORK



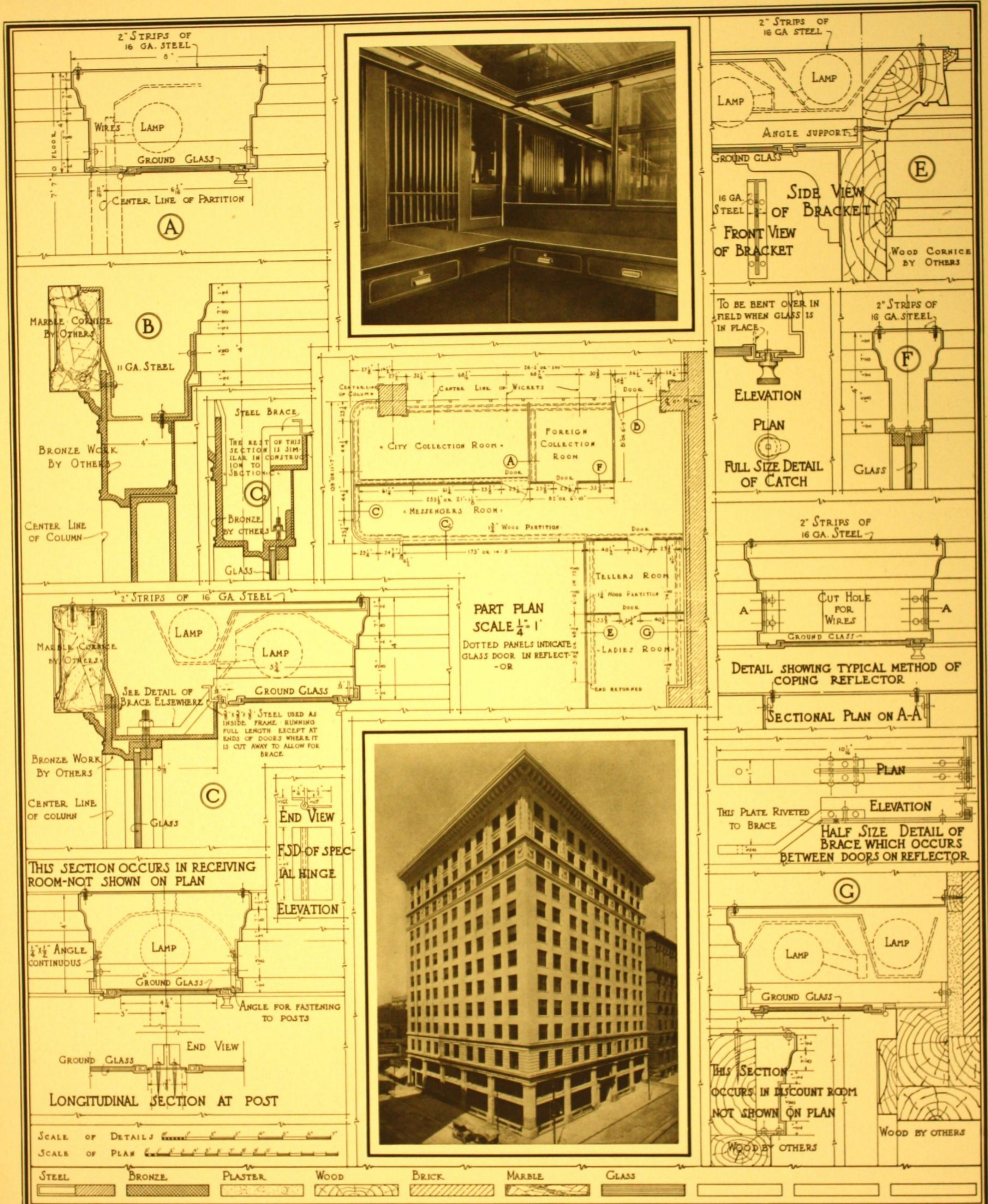
ARCHITECTURAL
SERIES
DRAWING NO. 18

BRONZE ENTRANCE DOORS HINGED
GERMAN SAVINGS BANK DAVENPORT IOWA
F. G. CLAUSEN & R. J. CLAUSEN ARCHITECTS DAVENPORT IOWA

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DAHLSTROM METALLIC DOOR COMPANY

JAMESTOWN NEW YORK



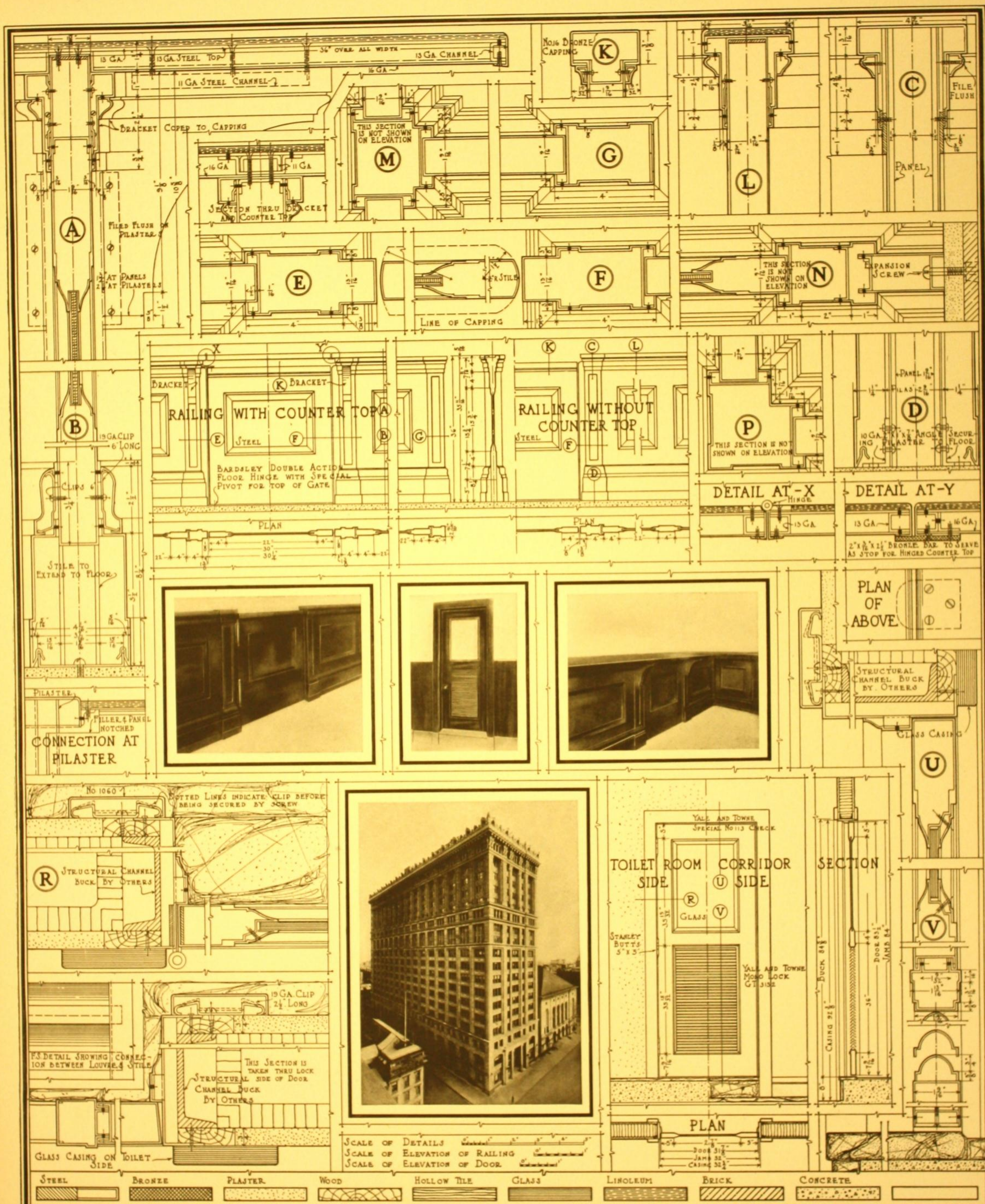
- ARCHITECTURAL -
 - SERIES -
 - DRAWING NO. 21 -

- THE "I P" FRANK "PATENTED" SYSTEM "OF" BANK "ILLUMINATION" -
 - THE "FIRST" NATIONAL "BANK" OF "DENVER" COLORADO -
 - H. W. JOHNS-MANVILLE "COMPANY" NEW "YORK" SOLE "SELLING" AGENTS -

- HOLLOW "METAL" -
 - CONSTRUCTION -

- DAHLSTROM "METALLIC" "DOOR" "COMPANY" -

- JAMESTOWN "NEW" "YORK" -



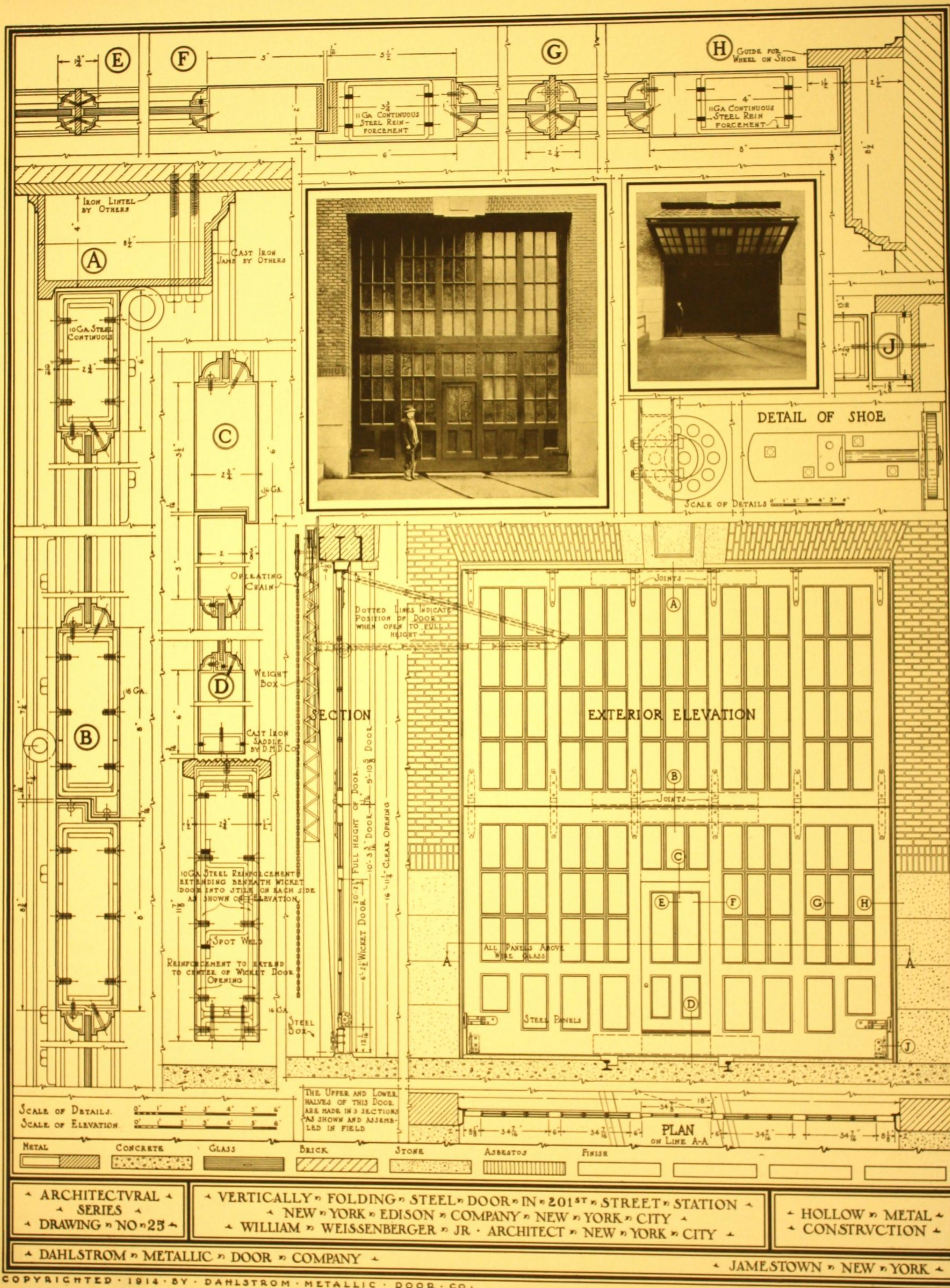
ARCHITECTURAL
SERIES
DRAWING NO. 22

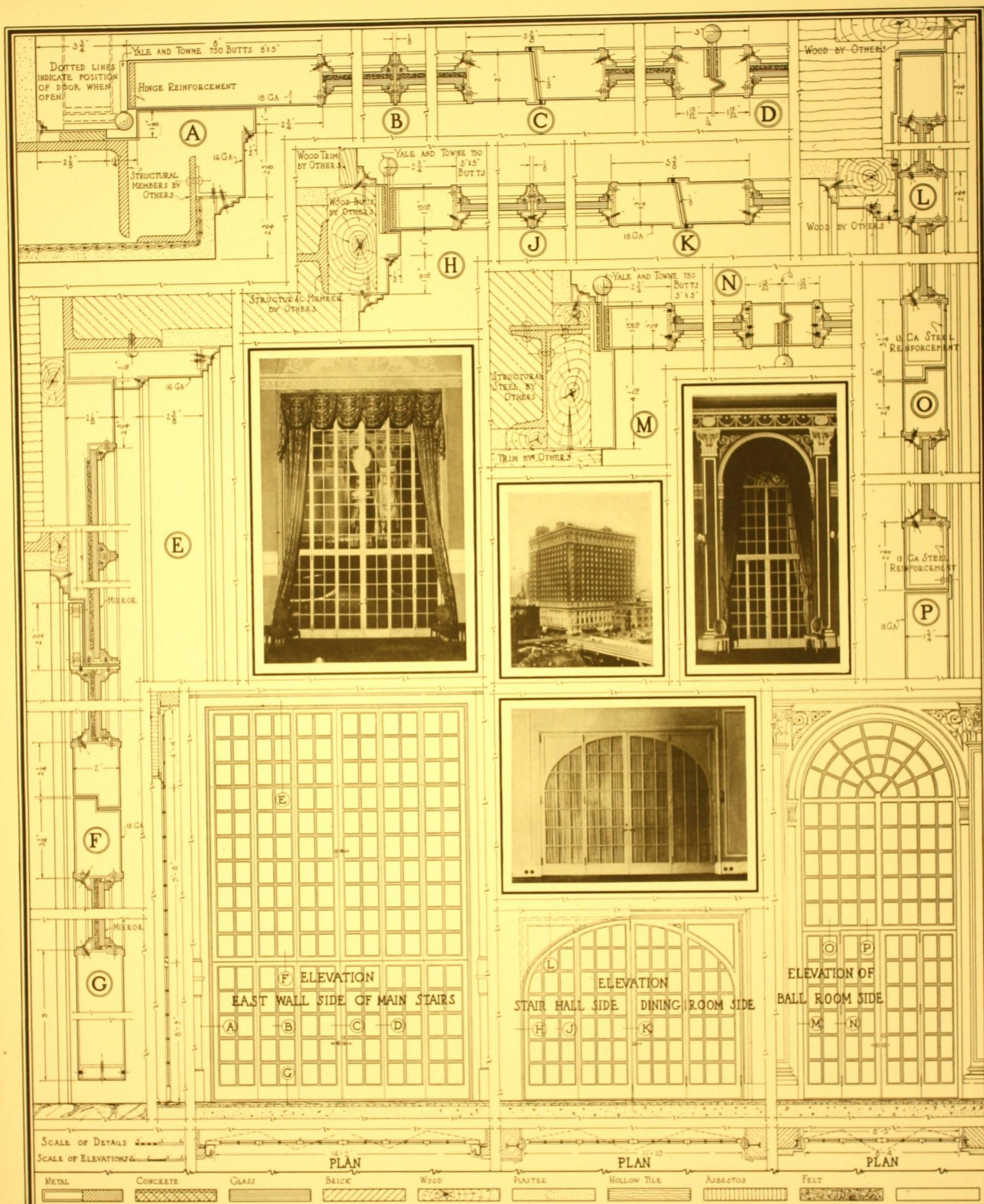
STEEL RAILING - LOUVRE DOOR - SHOWING CONCEALED FASTENINGS -
CONSOLIDATED GAS BUILDING NEW YORK CITY
H. J. HARDENBERGH ARCHITECT NEW YORK CITY

HOLLOW METAL
CONSTRUCTION

DAHLSTROM METALLIC DOOR COMPANY

JAMESTOWN NEW YORK





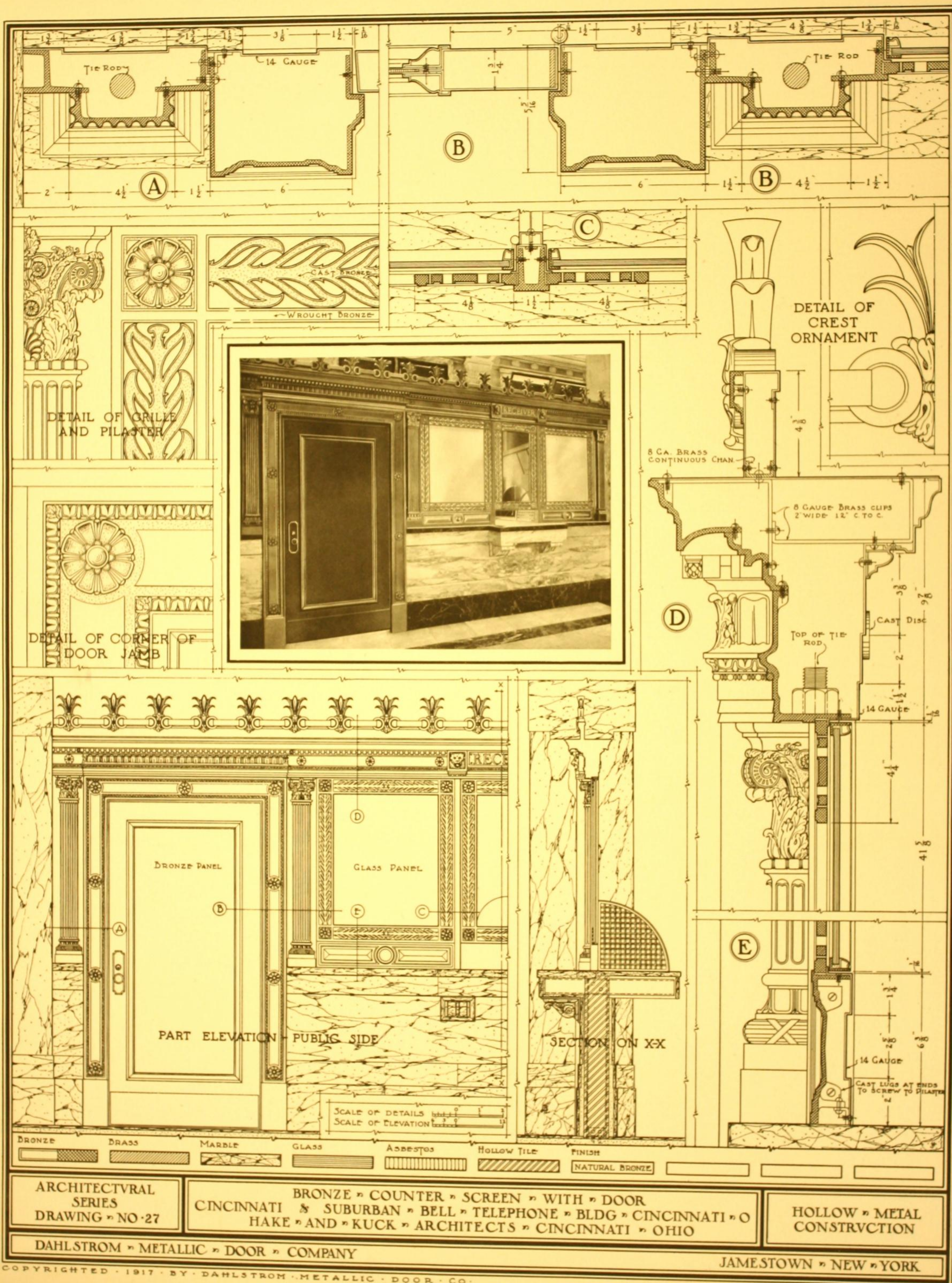
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SERIES
DRAWING NO. 26

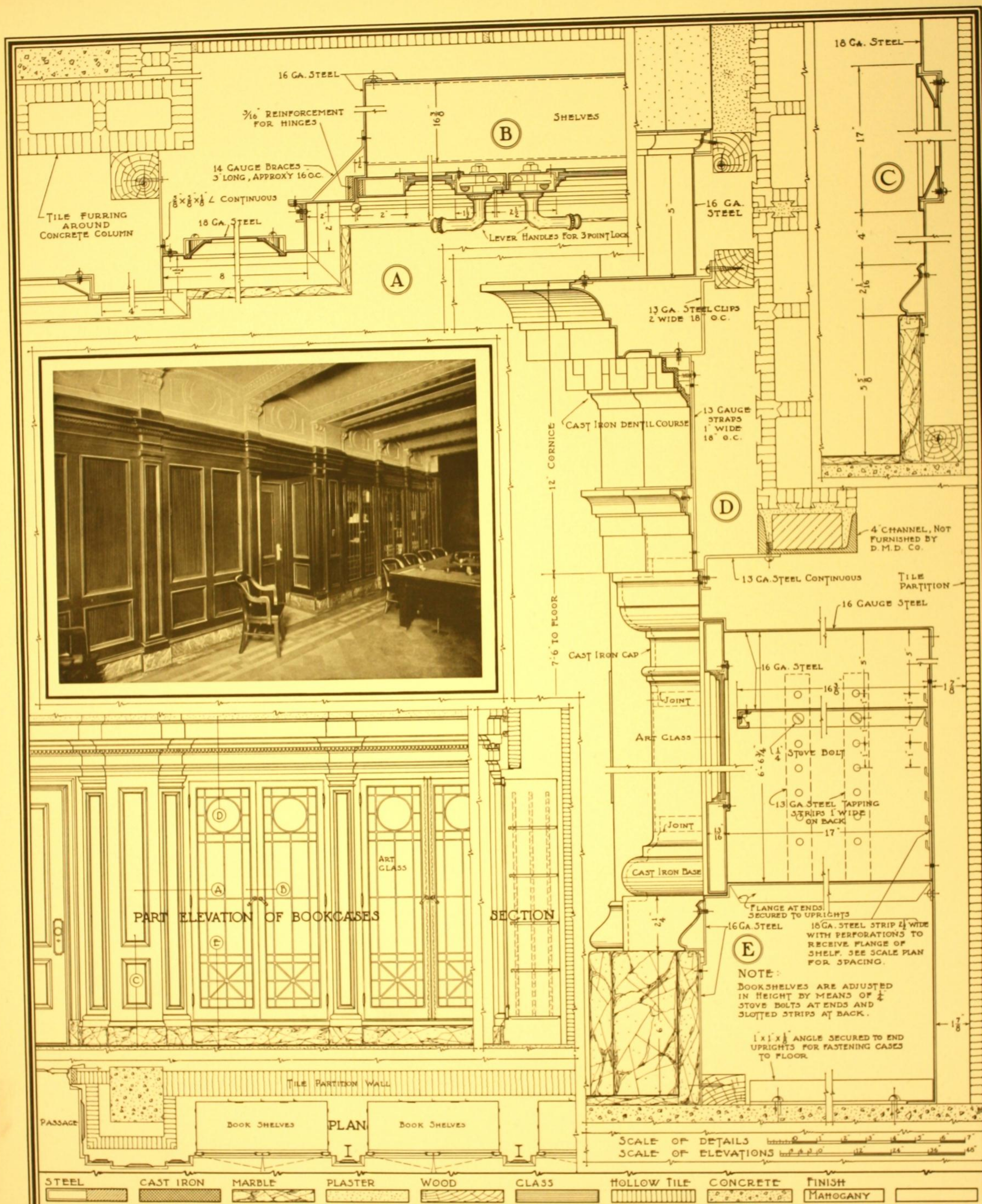
STEEL FOLDING DOORS
THE RITZ-CARLTON HOTEL NEW YORK CITY
WARREN AND WETMORE ARCHITECTS NEW YORK CITY

HOLLOW METAL
CONSTRUCTION

DAHLSTROM METALLIC DOOR COMPANY

JAMESTOWN NEW YORK





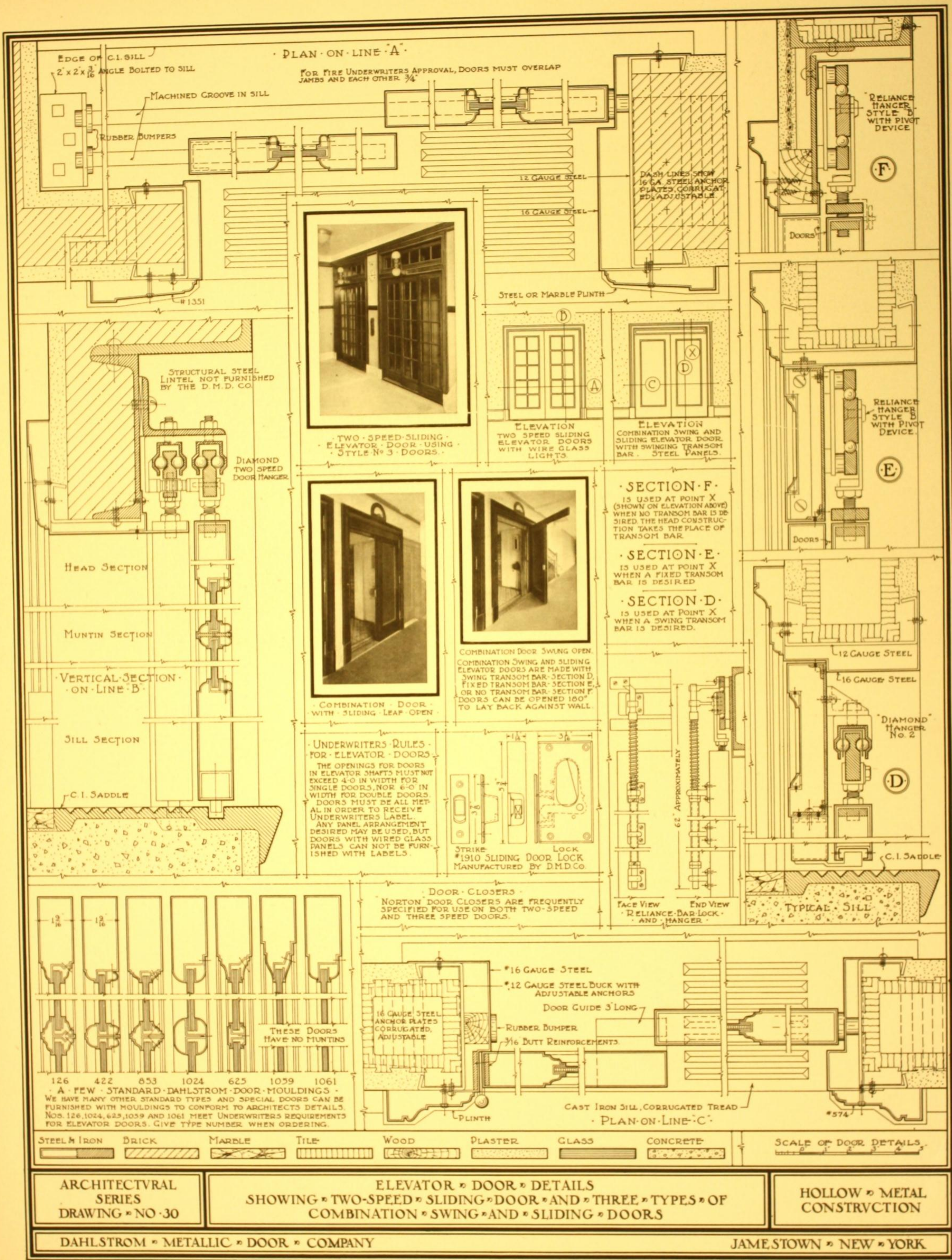
ARCHITECTURAL
 SERIES
 DRAWING NO. 28

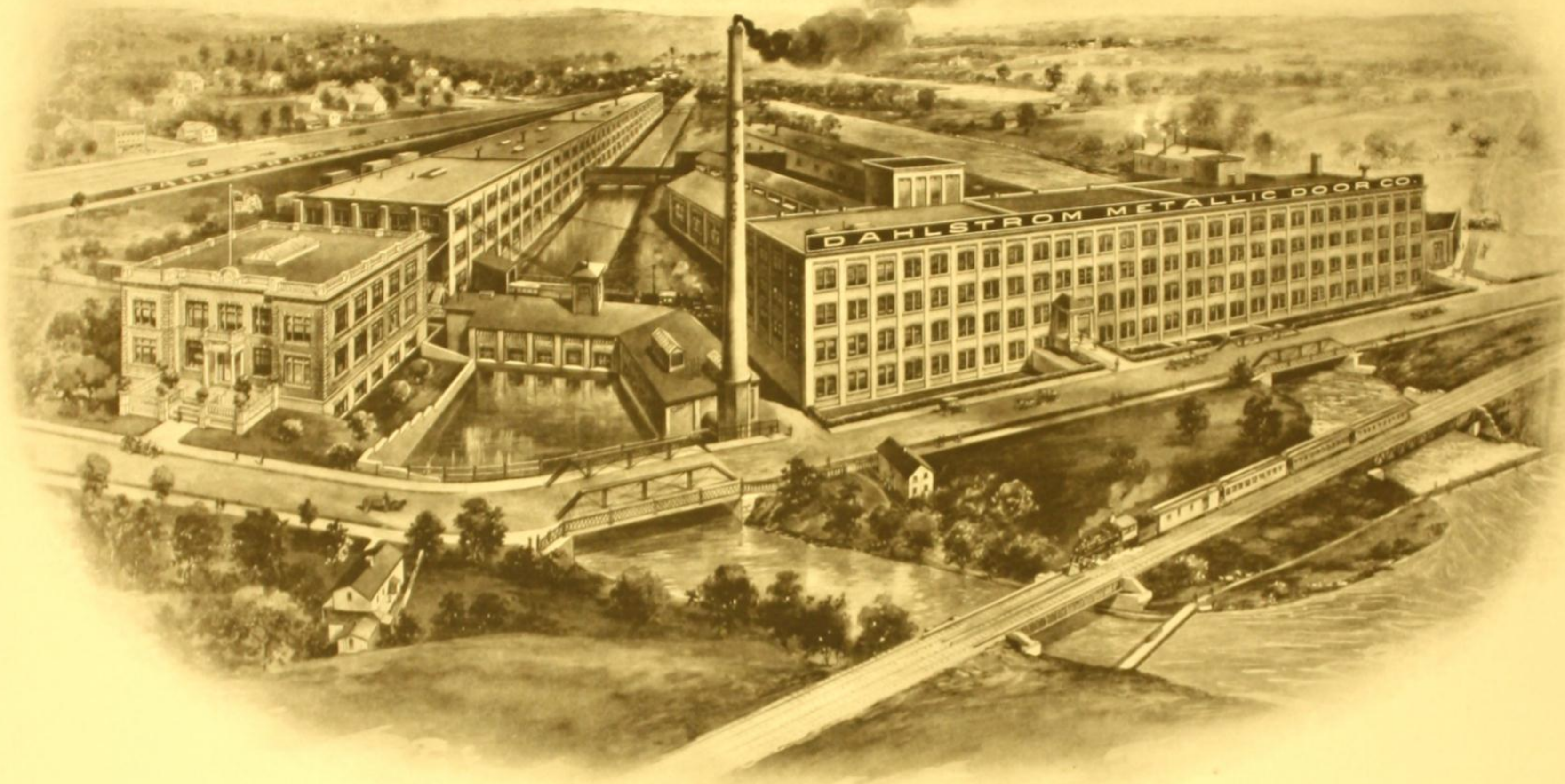
STEEL WAINSCOT IN LIBRARY WITH BUILT-IN BOOKCASES
 CINCINNATI & SUBURBAN BELL TELEPHONE BLDG CINCINNATI O
 HAKE AND KUCK ARCHITECTS CINCINNATI OHIO

HOLLOW METAL
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DAHLSTROM METALLIC DOOR COMPANY

JAMESTOWN NEW YORK





A BIT OF HISTORY

IN the year 1903, Mr. Charles P. Dahlstrom, of Jamestown, N. Y., an expert mechanical engineer, who was at that time connected with the metal office furniture industry, conceived the method of making metal doors in a simple and practical manner, by which it would be possible to market them at so reasonable a cost as to make it a decided advantage to owners, architects and builders to specify and make use of them in any fireproof building.

A few influential friends were interested, and The Dahlstrom Metallic Door Company organized early in the year 1904. The first year was spent almost entirely in experimental work, building the special machines required to manufacture the doors economically, testing their fireproof qualities, etc. The preliminary work and the tests proved so satisfactory that within a year the officers of the company felt assured that the business would be a success. A tract of land, including water rights of about 600 horsepower, was acquired and the erection of the first factory building and power house started.

Early in the year 1905, the company was successful in obtaining the contract for the two thousand or more metal doors and trim for the 22-story United States Express Building in New York City. With the company's then limited facilities a contract of this size meant an unusual amount of foresight, energy and perseverance of its officers to properly execute the work; especially as to the time of completion. The new factory building, which had just been completed, proved insufficient in capacity, so that additional space had to be rented in an adjoining building. An addition to the first building was also started, and was completed in the year 1906.

While the work for the United States Express Building taxed the energy and ingenuity of all connected with the company, the contract was successfully completed and served to call architects' and owners' attention to the beauty of the product and the possibilities opened up by this new material for high-class interior building work. The Dahlstrom Company, being pioneers in the field,

naturally received a great deal of benefit from the publicity thus obtained, and has remained in the front ranks ever since.

The next large contract to be obtained by this company was for the metal doors and trim for the 42-story Singer Tower Building in New York, which is entirely fireproof throughout, being equipped with about twenty-five hundred of the Dahlstrom Doors.

Other large contracts were entrusted to this company from time to time, which necessitated increasing the facilities, so that we now have the largest and best equipped plant for the exclusive manufacture of this line of work in the world.

These premises, located at East Second and Buffalo Streets, Jamestown, N. Y., comprise nearly nine acres, with several large buildings of modern construction as illustrated above, containing about 250,000 square feet of floor space. This group of buildings is fronted by an immense lawn, and presents an appearance well in keeping with the general attractiveness of the plant.

All the machinery and equipment of this plant is of the best and most modern design, and much of it is especially designed and made on the premises. This company controls valuable patents which enter into the manufacture of its product. Branch offices or representatives are found in the principal cities, and the output is used in the best buildings throughout the civilized world.

Architects and builders are invited to make use of the Dahlstrom Service, which we aim to render in an efficient and satisfactory manner in every detail. We are enabled to do this through our corps of experts, trained in the requirements for the proper interior fireproofing of buildings, with years of experience in the art.

Your orders entrusted to us will receive prompt and careful attention and we guarantee that the work we furnish will be executed to your entire satisfaction.

DAHLSTROM METALLIC DOOR COMPANY,

Jamestown, N. Y.

